CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng News-Record
Oct. 18	Nokomis, Ill.	Sept. 30
Oct. 18	Milwaukee, Wis.	Oct. 14
Oct. 21	Harrisburg, Pa.	Oct. 14
Oct. 25	Ventnor City, N. J. Adv. Oct. 7 and 14	Oct. 7
Oct. 25	Garfield Heights (Cleveland P. O.), O.	Oct. 14
Oct. 25	Terrell, Tex.	Oct. 14
Oct. 28	Newark, N. J. Adv. Oct. 7 and 14	Oct. 7

SEWERS

Oct. 18	Milford, Mich.	Oct. 14
Oct. 19	Wichita, Kan.	Sept. 30
Oct. 19	Ada, Okla.	Oct. 7
Oct. 19	Jersey City, N. J. Adv. Oct. 7 and 14	Oct. 7
Oct. 20	Middletown, N. Y.	Oct. 7
Oct. 20	Long Island City, N. Y.	Oct 14
Oct. 25	Garfield Heights (Cleveland P. O.), O.	Oct. 14
Oct. 29	Detroit, Mich. Adv. Oct. 14.	Oct. 14
Oct. 30	Yorkville, O.	Sept. 23

BRIDGES

Oct. 19	Alabama	Sept. 23
Oct. 21	Chicago, Ill.	Sept. 30
Oct. 22	Detroit, Mich.	Sept. 23
Oct. 25	Missouri	Oct. 7
Oct. 26	Chatsworth, Ga.	Oct. 14

STREETS AND ROADS

Oct. 15	Billings, Mont.	Oct. 14
Oct. 15	Connecticut	Oct. 14
Oct. 18	Freehold, N. J. Adv. Sept. 30 to Oct. 14	Oct. 7
Oct 18	New York, N. Y.	Oct. 14
Oct. 18	Hamilton, Ga.	Oct. 14
Oct. 19	Shakopee, Minn.	Sept. 23
Oct. 19	Granite Falls, Minn.	Oct. 7
Oct. 19	Michigan	Oct. 14
Oct. 19	Phila., Pa.	Oct. 14
Oct. 20	Little Rock, Ark.	Oct. 14
Oct. 20	St. George, S. I., N. Y.	Oct. 14
Oct. 20	Sinton, Tex.	Oct. 14
Oct. 20	Baltimore, Md.	Oct. 14
Oct 21	Missouri	Oct. 14
Oct. 22	Missouri	Sept. 30
Oct. 22	Jacksonville, Fla.	Sept. 30
Oct. 22	Detroit, Mich.	Oct. 7
Oct. 22	Fulton, Mo.	Oct. 14
Oct. 25	Missouri	Oct. 7
Oct. 25	Missouri	Oct. 14
Oct. 25	Garfield Heights (Cleveland P. O.), O.	Oct. 14
Oct. 25	Houston, Tex.	Oct. 14
Oct. 25	Michigan	Oct. 14
Oct. 26	Ft. Wayne, Ind.	Oct. 7
Oct. 26	Chatsworth, Ga.	Oct. 14
Oct. 27	Indiana	Oct. 7
Oct. 27	Delaware Adv. Oct. 7 and 14	Oct. 7
Oct. 28	Siloam Springs, Ark.	Sept. 30
Oct. 30	Indiana	Oct. 7
Nov. 6	Junction City, Kan.	Oct. 14
Nov. 16	Lyon, Kan.	Oct. 14

EXCAVATION AND DREDGING

Oct. 20	Hayti, S. D.	Oct. 14
Oct. 25	Manawa, Wis.	Oct. 14
Oct. 26	Rochelle, Ill.	Oct. 14
Oct. 26	Marengo, Ia.	Oct. 14
Oct. 26	Geneseo, Ill. Adv. Oct. 14.	Oct. 14
Nov. 1	Tampa, Fla. Adv. Sept. 30 to Oct. 14	Oct. 7

INDUSTRIAL WORKS

Oct. 18	Jackson, Wis.	Oct. 7
Oct. 19	Hartford, Conn.	Oct. 7
Oct. 21	New York, N. Y.	Oct. 14
Nov. 1	Webb City, Mo.	Sept. 16

RAILWAYS

Oct. 18	Michigan	Oct. 14

BUILDINGS

Oct. 18	Elyria, O.	Oct. 7
Oct. 18	New York, N. Y.	Oct. 7
Oct. 18	Hackensack, Minn.	Oct. 14
Oct. 20	Cleveland Height (Warrensville P. O.), O.	Oct. 7
Oct. 21	Chambersburg, Pa. Adv. Sept. 23 to Oct. 14	Oct. 7
Oct. 21	Baltimore, Md.	Oct. 7
Oct. 22	Detroit, Mich.	Oct. 14
Oct. 25	Scranton, Pa.	Oct. 7
Oct. 25	Oil City, Pa.	Oct. 14
Oct. 27	Tenafly, N. J.	Oct. 7
Oct. 27	Ft. Dodge, Pa.	Oct. 7

FEDERAL GOVERNMENT WORK

Oct. 15	Scotch Marine Boilers, etc. —Jacksonville, Fla. Adv. Sept. 23 to Oct. 14	Sept. 23
Oct. 18	Dry Cleaning Building — Ft. Meyer, Va.	Oct. 14
Oct. 19	Water Piping—Wheeling, W. Va.	Oct. 7
Oct. 20	Concrete Pavement, etc.— Spec. 4257—Ft. Lyon, Col.	Sept. 30
Oct. 20	Mine Storage Buildings — Spec. 4253—New Orleans, La.	Sept. 30
Oct. 20	Lighting, Wiring, etc. — Wheeling, W. Va.	Oct. 7
Oct. 20	Remodeling Post Office — Lansing, Mich.	Oct. 7
Oct. 20	Fire Alarm System—Spec. 4288—San Diego, Cal.	Oct. 7
Oct. 20	Piers and Dredging—Spec. 4090—Newport, R. I.	Oct. 7
Oct. 20	Turret Foundations—Spec. 4295—Washington, D. C.	Oct. 14
Oct. 21	Mailing Vestibule, etc. — Rockford, Ill.	Oct. 7
Oct. 21	Registry Room — Buffalo, N. Y.	Oct. 14
Oct. 22	Dredging—Norfolk, Va.	Sept. 23
Oct. 23	Foundations and Coping for Reflecting Pool — Wash., D. C. Adv. Sept. 30 to Oct. 14	Sept. 30
Oct. 25	Hospital — West Point, N. Y. Adv. Sept. 30 to Oct. 14	Sept. 30
Oct. 25	Dredging—Providence, R. I. Adv. Sept. 30 to Oct. 14	Oct. 7
Oct. 26	Remodeling and Repairing Customhouse and Post Office—Buffalo, N. Y.	Sept. 30
Oct. 27	Elevator Plant—Honolulu, H. I.	Oct. 7
Oct. 27	Remodeling Custom House and Post Office — Providence, R. I.	Oct. 7
Oct. 27	Marine Railway—Spec. 4297 —San Diego, Cal. Adv. Oct. 7 and 14	Oct. 7
Oct. 27	Quay Wall—Spec. 4306— Norfolk, Va. Adv. Oct. 7 and 14.	Oct. 14
Oct. 30	Hoisting Plant—Wahington, D. C.	Sept. 16
Oct. 30	Cable Hangers—Washington, D. C.	Oct. 14
Nov. 5	Earthwork — St. Louis, Mo. Adv. Oct. 7 and 14	Oct. 7
Nov. 5	Steel Barges—Vicksburg, Miss. Adv. Oct. 14.	Oct. 14
Nov. 10	Pumping Facilities—Wash. D. C. Adv. Oct. 14.	Oct. 14
Nov. 17	Marine Railway—Spec. 4254 —Pear Harbor, H. T. Adv. Oct. 14.	Oct. 14
Nov. 17	Ordnance Buildings—Spec. 4168—Pearl Harbor, H. T. Adv. Oct. 14.	Oct. 14

MISCELLANEOUS

Oct. 18	Tractors — New York, N. Y.	Oct. 7
Oct. 18	Locks—Chicago, Ill.	Sept. 16
Oct. 18	Heating and Ventilating Apparatus, etc. — Long Island City, N. Y.	Oct. 14
Oct. 18	White Way System—Cloquet, Minn.	Oct. 14
Oct. 20	Macadam and Gravel — Clayton, Mo.	Oct. 14
Oct. 21	Foundation — Ft. Wayne, Ind.	Oct. 7
Oct. 21	Paving Plant—London, Ont.	Oct. 14
Oct. 21	Pavilions—Randalls Island (New York P. O.), N. Y.	Oct. 14
Oct. 21	Foundation — Milwaukee, Wis.	Oct. 14
Oct. 22	Tractors—New York, N. Y.	Oct. 7
Oct. 22	Ferryboat—New York, N. Y.	Oct. 7
Oct. 27	Testing Machine — Dover, Del. Adv. Oct. 7 and 14	Oct. 7
Oct. 29	Terminal — Rouses Point, N. Y. Adv. Oct. 7 and 14	Oct. 7
Oct. 29	Foundations — Rochester, N. Y. Adv. Oct. 7 and 14.	Oct. 14

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Mich., Croswell—Village plans to build 8 in. well in octagonal pit as substructure for pumping station, involving 1,800 ft. 6-8 in. c.i. or wood stave pipe. About $20,000. Hoad & Decker, Eng. Bldg., Ann Arbor, engrs.

Neb., Sidney—City voted $27,000 bonds to extend waterworks system.

S. D., Scotland—City voted $45,000 bonds to extend waterworks system. Noted Sept. 23.

Waterworks (Continued)

Mo., Salisbury—A. L. Sutter, city clk., sold $20,000 bonds to improve waterworks system.

Wash., Bucoda—City plans election to vote on $47,000 bonds to build waterworks system, sewerage system and cement sidewalks.

Wash., Walla Walla—City Council soon receives bids building new reservoir and extending pipe line. About $545,000. E. C. Hussey, Seattle, engr.

Que., Three Rivers—City plans election to vote on $325,000 bonds to build filtration plant and aqueduct. Z. Lambert, city engr.

N. Y., Marcy—See "Sewers."

BIDS DESIRED

Pa., Harrisburg—Until Oct. 21, by S. F. Heesler, city comr., Commonwealth Trust Co., 228 Market St., laying 1,500 ft. 6 in. water pipe lines in 3d and 4th Sts. from Katherine to Lewis Sts. About $15,000.

O., Garfield Heights (Cleveland P. O.)—Until Oct. 25, by village, paving Christine Ave., involving 25,350 sq.ft. of brick, concrete, bitulithic or sheet asphalt. About $30,000. H. Bohning, clk. R. Hecker, Leader-News Bldg., Cleveland, engr.

Wis., Milwaukee—Until Oct. 18, by Commissioner Pub. Wks., furnishing 2 circular sluice gates, each 9 ft. diameter, clear opening, complete with all appurtenances for Linwood Av. intake tunnel.

Tex., Terrell—Until Oct. 25, by Chairman City Comn. improving waterworks system, to include two 5 in. centrifugal pumps, electric motors, laying c.i. water mains, etc.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Va., Norfolk**—City let contract for 80,000 cu.yd. excav. for proposed waterworks system, to S. R. Curtis, Lee Hall. Noted July 22.

★**S. D., Sioux Falls**—City let contract building motor house and well, to Fauebust Bros., Sioux Falls, $16,600. Noted Sept. 9.

★**Tex., Wichita Falls**—City will improve waterworks system. About $200,000. Work will be done by day labor under supervision J. A. Donald, acting city engr.

Wash., Seattle—Bd. Pub Wks. received bids Sept. 25 building reservoir at Volunteer Park, involving 107,000 cu.yd earth excav., 15,000 cu.yd. embankment, 14 acres clearing, grubbing, etc., from Olympic Constr. Co., Green Bldg., $207,383; McLellan & McQuaid, Seattle, $209,885; H. Pederson, Alaska Bldg., $219,835.

★**Wash., Seattle**—Bd. Pub. Wks. let contract building watermains, sewers, etc., in Northlake Ave., et al., clay, to F. N. Badolato, Builders Exch., $44,206. Noted Sept. 30.

★**N. B., St. John**—City let contract extending waterworks system, involving 36 in. water main to Spruce Lake, to Canada Lock Joint Co., Prince William St. About $357,000.

★**Cuba, Cienfuegos**—City let contract building waterworks system to Porrance & Poitar, Havana. About $10,000,000.

Sewers

PROPOSED WORK

La., Shreveport—City voted $100,000 bonds to build storm sewers in various streets.

O., Idlewood (Cleveland P. O.)—Village plans to build sewers and water mains in Belvoir Blvd. and Friedel Rd. About $50,000. W. A. Horky, clk. C. Root, Society for Savings Bldg., Cleveland, engr.

O., Warren—City election Nov. 2, to vote on $150,000 bonds city's 25 per cent share of cost to build storm and sanitary sewers in Red Run Dist., involving 8,607 ft. 72-120 in. rein.-con. pipe. Auxiliary sewer involving 2,050 ft. 24 in. tile pipe, will be laid in addition to the above. A. Potter, 50 Church St., New York City, engr.

Wis., Augusta—City rejected bids received Oct. 4, building 30,000 ft. sanitary sewers in various streets. Work will be readvertised. H. Olk, Antigo, engr. Noted Sept. 23.

Tex., Houston—City plans election to vote on $100,000 bonds to build sewers in various streets.

Ont., London—City receives bids about Nov. 2, building 8-30 in. vitr. tile sewerage system in western section of city. About $350,000. H. A. Brazier, city engr.

Ont., London—City receives bids about Nov. 15 building 8-39 in. vitr. tile sewers, in Wellington Rd. About $80,000. H. A. Brazier, city engr.

BIDS DESIRED

N. Y., Long Island City—Until Oct. 20, by M. E. Connolly, pres. Queens Boro., building sewers and appurtenances in Pierce Ave. from 4th to 5th Aves, Beeckman St. from State St. to Mitchell Ave., South St. from tracks of Long Island R.R. to Rockaway Turnpike, Rockaway Turnpike from South St. to Lincon Ave.; regulating and grading sidewalk space and laying sidewalks on southside of Maspeth Ave. from Clermont Ave. to Grand St. and from Van Cott Ave. to Broad St.

O., Garfield Heights (Cleveland P. O.)—Until Oct. 25, by village, building sewers in Plymouth, Greenview, Russell, Edgepark, Sladden, South Highland, Garfield Parkway, Park Heights, Park View and Robinson Aves., East 95th, East 96th, East 97th and East 104th Sts. involving 18,602 10-20 in. vitr. pipe, 66 manholes. H Bohning, clk. R. Hecker, Leader-News Bldg., Cleveland, engr.

Mich., Detroit—Until Oct. 29, by J. A. Martin, Comr. Pub. Wks., furnishing labor and material building Sects. 2 and 3 of Bates St. Sewer and Sect. 2 of Gratiot Ave. Sewer; advertised in this issue. Noted April 15.

Mich., Milford—Until Oct. 18, by R. S. Pittenger, village clk., furnishing labor and material for building and finishing screens and temporary wood septic tanks together with sewers, etc., involving 2,500 cu yd. earth fill, 3,665 ft. 8-15 in. vitr. pipe, etc. Alternative bid on 15 in. line, may be carried on piers, in which case it will be 175 ft. shorter. C. W. Hubbell, 2348 Penobscot Bldg., Detroit, engr. Noted June 24.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., received bids Oct. 4 building sewer in (a) Lurting St., (b) Fulton St., from J. F. Clancy, (a) $33,955, (b) $5,186; Kennedy & Smith, 94 Main St., Flushing, (a) $34,838, (b) $5,578; Green Contg. Co., 734 Vernon Ave., Astoria, (a) $36,424; J. H. Johnson, Inc., (b) $5,008. Noted Sept. 30.

N. Y., Marcy—State Hospital Comn., Capitol, Albany, received bids Oct. 6 building sewerage and water supply systems at Utica State Hospital here involving (a) all work other than excav. and backfill, (b) 110 cu.yd. rock excav. and backfiell 20 ft. and over below present grade, (c) 3,360 cu.yd., 12-20 ft. below present grade, (d), 14,380 cu.yd., 6-12 ft. below, (e) 3,000 cu. yd. 0-6 ft. below, (f) 12 cu.yd. earth excav. and backfill, 20 ft. and over below present grade, (g) 389 cu.yd., 12-20 ft. below, (h) 2,536 cu.yd., 6-12 ft. below, (i) 29,628 cu. yd., 0-6 ft. below, from Scott Bros., Arlington Blk., Rome, (a) $258,000, (b) $10, (c) $3.50, (d) $3.50, (e) $3.50, (f) $10, (g) $3.50, (h) $3.50, (i) $3.50; P. Keeler Bldg. Co., Orange St., Albany, (a) $259,500, (b) $7.50, (c) $7.50, (d) $7.50, (e) $7.50, (f) $5, (g) $2.50, (h) $2.50, (i) $2.50; M. Kantorwitz, 20½ Market St., Albany, (e) $338,000 (b) $9.50, (c) $8.40, (d) $7.40, (e) $6.90, (f) $4, (g) $3.50, (h) $2.40, (i) $2.20. Noted Sept. 16 under "Miscellaneous."

★**Pa., Harrisburg**—W. H. Lynch, state highway comr., let contracts building sewers in Elder and Derry Sts., involving 2,588 ft. 12-18 in. terra cotta pipe, 124 ft. 12-18 in. Y branches, etc., also Spring Creek Sewer along Cameron Parkway, 3,200 ft. 2 ft. 8 in. x 2 ft. 10 in. rein.-con., 300 ft. 18-24 in. c.i. and 2,810 ft. 18 in. terra cotta pipe, etc., to W. H Opperman, 131 Paxton St, $13,990 and $69,897 respectively. Noted Sept. 9.

★**O., Cleveland**—City let contract building sewer in Luke Rd. extension, involving 1,450 ft. 5 ft. C brick pipe, to Amato Constr. Co., 345 The Arcade, $34,393. Noted Sept. 30.

★**O., Cleveland**—S. H. Kleinman Realty Co., Natl. City Bldg., let contract building sewers and water mains in Yorkshire Heights allotment to A. Hosine, 635 Bradley Court, $33,503. Noted Oct. 7.

★**Mich., Detroit**—Water Bd. will lay 13,319 ft. 6-12 in. c.i. pipe in Camden, Northfield, Traverse, Sanger, McDonald, Mack, Tuxedo, Grainer, Davison, Hasse, Kentucky, Westphalia, Bismark, Harper, Manistique, Phillips and Wildemere Aves. Work will be done by day labor.

★**Mich., Detroit**—City let contract furnishing labor and material (except manhole rings and covers) for building and finishing complete Lateral Sewer 3,345 between Charleston, John R, Hildale and Robinwood Sts., 3,348 Woodward, Charleston and Goldengate Sts. and Seven Mile Rd., to E. L. McIntyre, Grand River Ave., $16,160 and $39,805 respectively; 3,[illegible] Charleston, John R and Robinwood Sts. and Seven Mile Rd., to Liberty Constr. Co., 917 Chamber of Commerce Bldg., $16,5[illegible] 3,349, John R, Nevada and Savannah Sts. and along tracks of Grand Trunk Ry., 3,350, Woodward, John R, Nevada and Savannah Sts., 3,351, Woodward, John R, Nevada and Montana Sts., 3,352, Woodward, John R, Montana and Worcester Sts., to Cement Constr. Co., 806 Hammond Bldg., $8,450, $14,709, $9,849 and $9,214 respectively.

Wis., Wauwatosa—Bd. Administration Milwaukee Co. (Milwaukee) received bids Oct. 6, rebuilding sewage disposal plant at county institutional buildings, here, from Lippmann Stone Co., 449 Clinton St., Milwaukee, $27,905. Noted Sept. 30.

★**Ia., Davenport**—City let contract building sanitary sewers in Elm St., Westholme 2d, 3d, 4th and Westholme additions to Independent Constr. Co., 304 Lane Bldg. About $53,000. Noted April 1.

★**Wash., Seattle**—See "Waterworks."

Bridges

PROPOSED WORK

N. H., Franklin—City plans to build memorial bridge, rein.-con., to replace Daniell Bridge. About $60,000. Engineer not selected.

Fla., Pensacola—See "Streets and Roads."

O., Shadesville—Comrs. Franklin Co. (Columbus) plan election in November to vote on $385,000 bonds to build 900 ft. concrete bridge, 20 ft. wide, to have eight 80-110 ft. spans, over Scioto River, here. Braun, Flemning, Knollman & Prior, 233 South High St., Columbus, archts.

Wis., Milwaukee—City having plans prepared for 290 ft. steel bascule, double leaf bridge, with 125 ft. channel clearance, 80 ft. wide, to have concrete abutments and approaches, on State St. About $500,000. D. McKeith, city engr.

Tex., Houston—City plans election to vote on $425,000 bonds to build bridges.

Que., L'Ange Gardien—Dept. Pub. Rds., Quebec, having plans prepared for steel bridge from here to Island of Orleans. About $750,000.

Man., Winnipeg—City retained J. F. Green, consult. engr., c/o W. P. Brereton, city engr., to design rein.-con. bridge over Assiniboine River on Maryland St. Noted Jan. 8.

BIDS DESIRED

Ga., Chatsworth—Until Oct. 26, by Bd. Supervs. Murray Co. buildng bridge over Sumach Creek, also earth and gravel roadway, 9 mi. north of here. Work involves 3,995 cu.yd. borrow excav., 515 cu.yd. gravel surfacing, 207 cu.yd. Class "A" and 167 cu.yd. Class "B" concrete, 58,000 lb. reinforcing steel, 480 cu.yd. dry and 75 cu.yd. wet excav. J. M. Campbell, chn.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Missouri**—State Highway Dept., St. Joseph, let contract to Buchanan Co., St. Joseph, building rein.-con. skew slab superstructure and 4 rein.-con. pile bents, over Contrary Creek, on Sta. 64 plus 32, $9,491; Rushville Bridge, over Rushville Drainage Ditch, on Sta. 649 plus 51, $9,887; rein.-con. deck girder superstructure and 1 temporary bridge over drainage ditch, on Sta. 229 plus 00, $4,788; rein.-con. skew slab superstructure and 1 concrete pier, over drainage ditch, on Sta. 515 plus 65, $4,869; rein.-con. skew lab superstructure and 2 concrete piers, over drainage ditch, on Sta. 357 plus 90, $6,381. Above projects in Buchanan Co., Federal Aid Project 49. Noted Sept. 30.

Tex., Jasper—Jasper Co. received bids Aug. 24, building bridge over Angelina River, (1) alternate "A," includes one 150 ft. and two 75 ft. steel spans with trestle approach of untreated timber, involving 813 cu.yd. Class "B" concrete, 23,221 ft. bridge flooring, 141,338 ft. trestle approach, 2,543 cu.yd. dry and 450 cu.yd. wet excav., 184,000 lb. structural and 16,205 lb. reinforcing steel, etc., (2) alternate "B," 200 ft. steel span with trestle approach, 420 cu.yd. Class "B" concrete, 14,000 ft. steel span

Bridges (Continued)

flooring, 20,000 ft. creosoted lumber for trestle approach, 200 cu.yd. dry and 225 cu.yd. wet excav., 145,000 lb. structural and 9,000 lb. reinforcing steel, etc., from Midland Bridge Co., Ship Channel, Fidelity St., Houston, (1) $102,594, (2) $74,606; Austin Bros. Bridge Co., 1815 Coombs St., Dallas, (1) $102,798, (2) $70,832; Brown-Abbott Co., Loraine, (2) $65,787. Noted Aug. 19.

Tex., Jourdanton — Atascosa Co. received bids Sept. 3, building 40 ft. concrete girder bridge and 214 ft. I-beam and pile trestle bridge, on Highway 9, at and near Pleasanton, 16 ft. wide, from W. T. Montgomery, Alamo Bank Bldg., San Antonio, $30,612. Work involves 246.6 cu.yd. rein.-con., 31.58 cu.yd. Class "B" concrete, 202 cu.yd. wet and 148 cu.yd. dry excav., 12,000 ft. white oak flooring, 18,000 ft. pressure creosoted pine lumber, 80,675 lb. structural and 32,508 lb. reinforcing steel. Noted Aug. 12, under "Streets and Roads."

Tex., Kaufman — Kaufman Co. received bids Sept. 28, for buliding (1) rein.-con. and steel span bridge, also concrete culverts and timber pile trestles on Highway 40, through Precinct 1, involving 3,426 lin.ft. wooden piling, 503 cu.yd. strurctural excav., 17,801 lb. structural steel rail, 30,200 lb. structural steel trusses, 313.5 cu.yd. Cass "A" and 50.3 cu.yd. Class "B" concrete 24,042 lb. reinforcing steel, etc., (2) rein.-con. and steel bridges and rein.-con. culverts and timber tile trestles on Highway 40, through Precinct 7, involving 879 cu.yd. dry and 105 cu.yd. wet excav., 6,424 lin.ft. wooden piling, 50,953 lb. reinforcing steel, 178,000 ft. creosoted timber, 23,500 lb. structural steel trusses and 31,815 lb. structural steel railings, from Womack Constr. Co., Houston, (1) $21,210. (2) $34,766; Smith Bros., and Healey Constr. Co., c/o Smith Bros., Crockett, (1) $24,163. (2) $39,541; McCall-Moore Eng. Co., San Antonio, (2) $33,660. Noted Sept. 9 under 'Streets and Roads."

Streets and Roads

PROPOSED WORK

Mass., Fitchburg—Pub. Wks. Dept. plans to relocate and pave Oak Hill Rd. About $75,000. D. A. Hartwell, city engr.

Conn., Thompsonville—Boro. plans to improve various roads, waterbound macadam. About $30,000. Engineer not selected.

Pa., Hollidaysburg—Boro. Council plans to pave 3,000 ft. Garber and Juniata Sts., 22 ft. wide, concrete or brick. About $30,000. J. L. Henry, Walsh Bldg., engr.

W. Va., Weston—Lewis Co. plans election to vote on $350,000 bonds to grade, drain and build bridges, etc., on 11 mi. roads in Hackers Creek Dist., concrete, brick, asphaltum, stone, block or macadam. W. K. Spaur, Charleston, co. engr.

Alabama—State Highway Comn., Montgomery, having plans prepared for grading, draining and surfacing 18.8 mi. state road from Guntersville to Boaz, 24 ft. wide, Marshall Co., bituminous macadam. About $600,000. W. S. Keller, state highway engr.

La., Shreveport—City voted $100000 bonds to pave Texas Ave., Mansfield and Harts Island Rds. from end of present pavement on said streets in city limits, also $60,000 bonds to resurface various streets.

Tenn., Elizabeth—Carter Co. voted $220,000 bonds to build various state and federal aid roads. About $350,000 now available.

Tenn., Pulaski—Giles Co. voted $350,000 bonds to build state and federal aid roads.

Ohio—State Highway Comn., Columbus, cancelled contracts Oct. 8, building roads in following counties:

Huron Co., Sect. "P" Oberlin-Norwalk Rd., 4.667 mi., grading and paving with monolithic brick.

Seneca Co., Sect. "D-1" Columbus-Sandusky Rd., 2.038 mi., grading, constructing bridges and culverts and paving with bituminous macadam.

Sect. "F-1" Bucyrus-Tiffin Rd., 0.884 mi., grading, constructing bridges and culverts and paving with bituminous macadam.

Sect. "G" Tiffin-New Haven Rd., 2.007 mi., grading, constructing bridges and culverts and paving with bituminous macadam. Noted Sept. 23.

Ohio—State Highway Comn., Columbus, received no bids Oct. 8, building roads in following counties:

Lawrence Co., Sect. "K" Ohio River Rd., 0.97 mi., grading, constructing bridges and culverts and paving with bituminous concrete or rein.-con.

Sect. "O" Pomeroy-Athens Rd., 3.303 mi., grading roadway and constructing bridges and culverts

Sect. "Village of Stryker" Bryan-Wauseon Rd., 1.393 mi., grading, constructing bridges and culverts and paving with bituminous concrete.

Sect. "K" Edon-Cooney Rd., 3.592 mi., grading, constructing bridges and culverts and paving with bituminous macadam. Noted Sept. 23.

Michigan—State Highway Dept., Lansing, rejected bids Oct. 1 grading, draining and surfacing 1.12 mi. State Trunk Line Rd. 19-1, Yale Co., and 1.004 mi. State Trunk Line Rd. 21-13, Sect. B, Capac Village, both 20 ft. wide. Work will be readvertised. Noted Sept. 23.

Wis., Manitowoc — City plans to pave 30,000 sq.yd. various streets, concrete. About $120,000. F. L. Alter, city engr.

Wis., Milwaukee—Bd. Pub. Wks. rejected bids received Sept. 30, paving Elliott Circle, Kneeland Ave., Chambers, Franklin, Pease, 21st and West 24th Sts., asphalt, 29th St., bituminous concrete. Work will be readvertised.

Minn., Hibbing—City soon receives bids paving 10 blocks Howard St., creosoted wood block, bitulithic or concrete.

Kan., Columbus—Cherokee Co. had plans prepared furnishing labor and material for building 3.07 mi. roads, also several bridges, involving 13,226 sq.yd. concrete and 38,553 cu.yd. earth excav. C. M. Cooper, Columbus, engr.

Neb., Pawnee City — City receives bids about Oct. 15 paving 25 blocks, 30-40 ft. wide, brick. About $200,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted Sept. 16.

N. D., Minot—Comrs. Ward Co. plan to grade, gravel surface and build small structures on 23 mi. Federal Aid Project 84, 24 ft. wide. About $250,000. H. C. Frahm, Minot, engr.

Missouri—State Highway Dept., New London, received no bids Sept. 24, building 5.32 mi. Sect. A, Red Ball Route, 24 ft. wide, Federal Aid Project 66, cost $47,885; 4.11 mi. Sect. A, London-Perry Rd., 24 ft. wide, Federal Aid Project 64, $20,662, rein.-con. slab superstructure on Sta. 79 plus 06, $2,268; 5.57 mi. Sect. A, London-Perry Rd., 24 ft. wide, Federal Aid Project 67, $26,239, rein.-con. slab superstructure, on Sta. 97 plus 92, $2,178; 3.35 mi. Sect. A, London-Perry Rd., 24 ft. wide, Federal Aid Project 63, $15,644; 4.58 mi. Sect. A, London-Perry Rd., 24 ft. wide, Federal Aid Project 65, Ralls Co., $21,424. Noted Sept. 16.

Mo., Kirkwood—City plans to pave 1½ mi. Kirkwood Rd. from Peek Ave. to St. Louis & San Francisco R.R. tracks, involving 71,280 sq.yd. bitulithic macadam. About $25,000. W. Elbring, Clayton, engr.

Tex., Comanche—Comanche Co. voted $200,000 bonds to build gravel surfaced road and concrete bridges and culverts on Highway 22 from here to Gorman through De Leon, also Highway 18, from Dublin to De Leon, 16 ft. wide. L. D. Parks, De Leon, engr.

Tex., Del Rio—Val Verde Co. having plans prepared grading, surfacing and draining 11.59 mi. Highway from here to Kinney Co. line, 16 ft. wide, involving 17 acres clearing and grubbing, 40,980 lin. ft. grader work, 42,800 cu.yd. earth excav., 9,220-lb. reinforcing steel, 200 cu.yd. Class "A" and 100 cu.yd Class "B" concrete, etc. About $85,000. G. M. Jowers, co. engr.

Tex., Houston—City plans election to vote on $200,000 bonds to pave various streets.

Col., Golden—City election in April to vote on $65,000 or $75,000 bonds to pave 1½ mi. Golden Highway to foot of Lookout Mt., concrete. Engineer not selected.

Cal., San Diego—Common Council passed resolution to improve Union, Albatross and Juniper Sts., involving 207,163 sq.ft. 2 in. asphaltum macadam wearing surface on 4 in. concrete base, 299 ft. concrete curbing, 295 sq.ft. concrete sidewalks, 12 sewer laterals, 1,252 ft. 4 in. c.i. water mains, etc. F. A. Rhodes, city engr.

Cal., San Diego—Common Council having plans and specifications made for improving 8,841 ft. Torrey Rd. and Roosevelt Memorial Drive, involving 176,820 sq.ft. 5 in. concrete paving. About $53,846. F. A. Rhodes, city engr.

Ontario—Dept. Pub. Wks., Toronto, receives bids in November macadamizing 7 mi. road from Amherstburg to Obigway, 20-24 ft. wide, Essex Co. About $100,000.

BIDS DESIRED

Connecticut—Until Oct. 15, by C. J. Bennett, comr., State Highway Dept., Hartford, paving 2,950 ft. Mill Plain Rd., gravel, Danbury.

N. Y., New York—Until Oct. 18, by H. H. Curran, pres. Manhattan Boro., regulating and repaving with concrete pavement on existing concrete foundation, roadway of 2nd Ave. from 4th to 5th Sts. (west side); 9 in. concrete pavement roadway of 2nd Ave. from 4th to 5th Sts. (east side); sheet asphalt on concrete foundation, roadway of Lexington Ave. from 116th to 125th Sts.; wood block on concrete foundation roadway of 125th St. from 1st to 2nd Aves., and from 2nd to 3rd Aves.; granite block pavement on concrete foundation, roadway of Washington St. from Murray to Morton Sts., roadway of East 24th St. from 1st Ave. to Ave. A roadway of 125th St. from 1st to 2nd Aves., and from 2nd to 3rd Aves., roadway of Lexington Ave. from 130th to 131st Sts.

N. Y., S. I., St. George—Until Oct. 20, by C. D. Van Name, pres. Richmond Boro., repaving with concrete pavement roadway of Richmond Turnpike from Louis St. to Clove Lake, together with all incidental work.

Pa., Phila—Until Oct. 19, by Dept. Pub. Wks., grading, paving and repaving various streets, asphalt, wood and redressed granite block. F. H. Craven, dir.

Md., Baltimore—Until Oct. 20, by Bd. Awards, c/o City Register, paving Harlem Ave. from Longwood St. to point 219 ft. west; Longwood St. from Edmondson to Harlem Ave. west to north building line of Harlem Ave. east; 350 ft. Linnard St. from Edmondson to Harlem Aves.; 400 ft. Norman Ave. from Edmondson Ave. to Franklin St., all sheet asphalt, also grading and paving alleys listed in Private Alleys Contr. 68, cement concrete. H. G. Perring, ch. engr.

Ga., Chatsworth—Until Oct. 26, by Bd. Supervs. Murray Co. building 6.6 mi. Dalton-Chatsworth Rd., Federal Aid Project 178. Work involves 3.8 acres clearing and grubbing, 38,000 cu.yd. common, 1,400 cu. yd. borrow and 500 cu.yd. rock excav., 190 cu.yd. Class "A," 230 cu.yd. Class "B" and 20 cu.yd. Class "C" concrete, 24,000 lb. reinforcing steel, 1,420 lin.ft. 15-24 in. culvert pipe 97 cu.yd. cement concrete headwalls, 18,000 cu.yd. top soil surfacing. J. M. Campbell, chn.

Ga., Hamilton—Until Oct. 18, by Bd. Comrs. Rds. and Revenues, Harris Co., grading and top soiling 8½ mi. Federal Aid Project 17 between here and Columbus, involving 9.55 acres clearing and grubbing, 52,294 cu.yd. excav., 78.25 cu.yd. Class "B" concrete headwalls, 1,155 lin.ft. 15-24 in terra cotta pipe, 34,674 cu.yd. top soil, etc. Bids received on D. S. i.c. and corrugated metal pipe.

O., Garfield Heights (Cleveland P. O.)—Until Oct. 25, by village, laying 19,110 ft. 4-8 in. c.i. water mains in McCracken Rd., Garfield Blvd., Park Heights and South Highland Aves. H. Bohning, clk. R. Hecker, Leader-News Bldg., Cleveland, engr.

Michigan—Until Oct. 19, by State Highway Dept., at dist. office, Port Huron, grading and draining 5.322 mi. State Trunk Line Rds. 19-4 and 21-13, Sects. A, St. Clair Co., involving 18,990 cu.yd. earth excav., 402 lin.ft. pipe culverts, 229 cu.yd concrete in culverts, etc.

Michigan—Until Oct. 25, by State Highway Dept., at dist. office, Port Huron, fine grading and surfacing 16.595 mi. Federal Aid Rd. 38, 18 ft. wide, St. Clair Co., involving 174,696 sq.yd. concrete or bituminous concrete, 876 stations fine grading, etc

Kan., Junction City—Until Nov. 6, by Geary Co., resurfacing .716 mi. road with bituminous filled brick on old concrete base using bituminous filled sand cushion, also grading, building bridges and culverts and paving with concrete 1.057 mi. East 6th and Humboldt Dry Creek Rds. About $50,000 and $60,000 respectively. G. A. Russell, Junction City, engr.

Kan., Lyons—Until Nov. 16, by Rice Co., building 5.022 mi. Old Santa Fe Trail, Federal Aid Project 26 B, including grading, bridges, culverts and concrete or brick pavement. About $260,000. S. Ainsworth, Lyons, engr.

Streets and Roads (Continued)

Mont., Billings—Until Oct. 15, by Comrs. Yellowstone Co., building 3 mi. Federal Aid Project 134 between Mason and Laurel, 24 ft. wide, involving 10,858 cu.yd. excav., 5,752 cu.yd. surfacing, 1,477 sta. yd. overhaul, 12,983 lb. reinforcing steel, 54 cu.yd. Class "A" and 87 cu.yd. Class "B" concrete, etc. J. N. Edy, Helena, state highway engr.

Missouri—Until Oct. 21, by State Highway Dept., Cassville, building 4.88 mi. Sect. A., Monett-Neosha Rd. (Monett Special Rd. Dist.) Federal Aid Project 121, Barry Co., involving 31,052 cu.yd. earth excav., 2,318 cu.yd. borrow, 45,916 sq.yd. gravel pavement, 437.9 cu.yd. Class "B" and 10.2 cuyd. Class "C" concrete masonry, 31,168 lb. reinforcement for concrete masonry, etc. About $54,856.

Missouri—Until Oct. 25, by State Highway Dept., Caruthersville, building 5.9 mi. Kings Highway (Hayti Special Rd. Dist.), Federal Aid Project 35, Pemiscot Co., involving 36,564 cu.yd. earth excav., 1,577 cu. yd. borrow, 22,014 cu.yd. per 100 ft. overhaul, 55,668 sq.yd. specification A gravel pavement, 45.5 cu.yd. Class "B" and 29.2 cu.yd. Class "C" concrete masonry, 3,160 lb. reinforcement for concrete masonry, 367 lin. ft. 12-24 in. vitr. clay pipe culvert, etc., cost $78,238; I-beam superstructure over drainage ditch, on Sta. 255 plus 58, 38 ft. span, 18 ft. roadway, 132.2 cu.yd. Class "C" concrete, 500 lb. reinforcing and 17,200 lb. fabricated structural steel, 4,100 ft. oak lumber, etc., $6,729; I-beam superstructure over drainage ditch, 30 ft. span, 18 ft. roadway, 90.4 cu.yd. Class "C" concrete, 500 lb. reinforcing and 13,700 lb. fabricated structural steel, 3,300 ft. oak lumber, etc., $5,049; I-beam superstructure over drainage ditch, on Sta. 260 plus 40, 25 ft. span, 18 ft. roadway, 84.5 cu.yd. Class "C" concrete, 470 lb. reinforcing and 11,700 lb. fabricated structural steel, 2,820 ft. oak lumber, etc., $4,610, all on above project.

Mo., Fulton—Until Oct. 22, by Callaway Co., grading, graveling and paving 18 mi. road, 9 ft. wide, macadam, cost $119,000; building 2 bridges on above road, $13,690. Shockley Eng. Co., Graphic Arts Bldg., Kansas City, Mo., engrs.

Ark., Little Rock—Until Oct. 20, by Comrs. Little Rock and Spring Lake Highway Dist., paving 25 mi. road, concrete or asphalt. Lund & Hill, 527 Southern Trust Bldg., engrs.

Tex., Houston—Until Oct. 25, by C. H. Bryan, judge Harris Co., scarifying and surfacing 4 mi. Highway 2 from Fairbanks to Satsuma, 16 ft. wide, involving 5,216 cu. yd. gravel and 1,880 cu.yd. shell surfacing. About $37,169. Howe & Wise, co. engr.

Tex., Sinton—Until Oct. 20, by J. C. Hout, judge San Patricio Co., grading, surfacing and building concrete culverts on 15.06 mi. Highway 9 in Rd. Dist. 1, involving 14.1 mi. machine grading, 9,303 cu. yd. borrow and 3,202 cu.yd. earth excav., 2,768 lb. reinforcing steel, 15,629 cu.yd. gravel and 27,389 cu.yd. shell surfacing, 24 cu.yd. Class "A" and 12 cu.yd. Class "B" concrete, cost $157,844; grading, surfacing, draining and building 125 ft. steel span bridge on 12.54 mi. Highway 9 in Rd. Dist. 5, 12.04 mi. machine grading, 35,703 cu.yd. earth excav., 560.8 cu.yd. Class "A" and 174.6 cu.yd. Class "B" concrete, 12,982 cu.yd. gravel and 22,760 cu.yd. shell surfacing, 94,800 lb. structural and 38,368 lb. reinforcing steel, etc., $191,600. Special bid for constructing 8 mi. above road from here to Bee Co. line will also be accepted. Noted Oct. 7.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Brighton** (Boston P. O.)—Pub. Wks. Dept., 508 City Hall Annex, Boston, let contract paving Market and Arlington Sts., asphalt, to Simpson Bros., Corp. 77 Summer St., Boston, $97,742.

★**Mass., Boston**—Dept. Pub. Wks. let contract paving Mt. Vernon St., asphalt, to J. W. O'Connell, Radcliffe Rd., Brighton. About $25,000.

★**Mass., Boston**—City let contract relaying granite block pavement on Friend, Richmond and Portland Sts, to B. E. Grant, 27 School St., $87,300; paving with asphalt, Arbutus St., Dorchester, to M. De Matteo, 154 Dudley St., Roslindale, $13,100.

★**N. Y., New York**—H. H. Curran, pres. Manhattan Boro., let contracts regulating and paving 4th Ave. and Front St. to W. J. Fitzgerald, 547 West 45th St., $12,299 and $30,766 respectively. Noted Sept. 23.

★**Alabama**—State Highway Dept., Montgomery, let contract grading, draining and surfacing 5.44 mi. State Trunk Rd. from Girard to Tuskegee, Russell Co., sand clay, to L. C. Rawlinson, Montgomery, $38,936; 12.053 mi. Chisholm Rd. from Florence to Tennessee state line, Lauderdale Co., cheri and gravel, to W. T. Taylor Constr. Co., Wilsonville, $156,885. Noted Oct. 7.

Ohio—State Highway Comn., Columbus, received bids Oct. 8, building roads in following counties:

Athens Co., Sect. "R" Logan-Athens Rd., 0.637 mi., grading, constructing bridges and culverts and paving with brick on rolled base, from F. Beckler, Athens, $41,093.

Clermont Co., Sect. "N-2" Milford-Hillsboro Rd., 3.548 mi., grading, constructing bridges and culverts and paving with waterbound macadam, W. Wiggin, Milford, $100,-100; C. L. Wright, 1345 Custer Ave., Mt. Lookout, Cincinnati, $100,197.

Sect. "A" Milford-Vere Cruz Rd., 2.433 mi. grading, constructing bridges and culverts and paving with waterbound macadam, C. L. Wright, Cincinnati, $69,552.

Hancock Co., Sect. D, Lima-Sandusky Rd., 6.047 mi. grading, constructing bridges and culverts and paving, from Watts, Schriber Co., Toledo, bituminous concrete on concrete base, $291,112, rein.-con., $256,-263, monolithic brick, including brick, $299,975, bituminous concrete on waterbound macadam base, $285,375; Dorsey Constr. Co., Findlay, rein.-con., $258,763, monolithic brick, including brick, $301,975, bituminous concrete, $287,697.

Hocking Co., Sect. "P-1," Logan-New Lexington Rd., 5.351 mi. grading, constructing bridges and culverts and paving with bituminous macadam, J. Petrie, Logan, $214,276; Richeldefer Constr. Co., Circleville, $214,670.

Sect. "N," Logan-Chillicothe Rd., 6.53 mi., grading, constructing bridges and culverts and paving with waterbound gravel, Curry & Hayes, Eaton, $151,797; W. D. Winchell, 337 Siebert St., Columbus, $153,254; C. J. Breckenridge, Columbus, $153,763.

Lake Co., Sect "A," Painesville-Ravenna Rd., 4.735 mi., grading and constructing bridges and culverts, Wilms-Hogan Constr. Co., Cleveland, $29,491; Miller & Rothrock, Lakeville, $30,019; Post Constr. Co., Cleveland, $31,514.

Lorain Co., Sect. "O," Medina-Norwalk Rd., 2.50 mi., grading, constructing culverts and paving with waterbound macadam, Aldrich, Ellison & Bates, Spencer, $63,264; H. J. Hart, Elyria, $63,267.

Meigs Co., Sect. "L," Pomeroy-Athens Rd., 2.839 mi., grading, roadway, and constructing bridges and culverts, Ryan Stone & Constr. Co., Maumee, $42,703.

Sect. "M," Pomeroy-Athens Rd., 4.007 mi., grading roadway and constructing bridges and culverts, J. Paul Long, Centerburg, $79,166.

Mercer Co., Sect. "H-1," Celina-Greenville Rd., 1.5 mi., grading, constructing bridges and culverts and paving with reinconcrete, M. L. Hinton Co., Celina, $65,035; Studebaker & Son, Greenville, $66,538; Beard & Frost, Portland, Ind., $66,994.

Pike Co., Sect. "A," Waverly-Coopersville Rd., 6.1403 mi. grading, consructing bridges and culverts and paving with waterbound gravel, W. D. Winchell, 337 Siebert St., Columbus, $40,349; C. A. Arthur, Jackson, $41,250; C. M. Gray, Westerville, $41,361.

Sect. "B," Waverly-Coopersville Rd., 6.734 mi., grading, constructing bridges and culverts and paving with waterbound gravel, C. A. Arthur, Jackson, $34,707; Harper & Ruel Co., Portsmouth, $35,678; W. D. Winchell, 337 Siebert St., Columbus, $35,351.

Summit Co., Sect. "A," Akron-Youngstown Rd., 2.49 m., grading, constructing bridges and culverts and paving, J. D. Waggoner, Ravenna, rein.-concrete, $109,-043; Highway Constr. Co., 903 Lorain Co. Bank Bldg., Elyria, bituminous concrete, $122,696; Ohio Eng. Co., Lorain, bituminous concrete, $122,945.

Sect. "Q," Akron-Medina Rd., 2.27 mi. grading, constructing bridges and culverts and paving with rein.-concrete, W. A. Lyon, Ravenna, $129,167.

Williams Co., Sect. "D," Bryan-Wauseon Rd., 1.582 mi. grading, constructing bridges and culverts and paving, J. A. Elder, Bryan, bituminous macadam, $67,017; Zeller & Drum, Swanton, bituminous concrete, $68,479; J. A. Elder, Bryan, bituminous concrete, $68,479.

Defiance Co., Sect. "E," Bryan-Ft. Wayne Rd., 1.77 mi., constructing bituminous macadam top course and shaping berms and ditches, D. M. Roach, Defiance, $21,686; J. A. Elder, Bryan, $21,781.

Jefferson Co., Sect. "J," Ohio River Rd., 0.085 mi., removing cliff rock and sealing fire clay seam, H. Brown, Ellsworth Station, $11,265; C. W. Ryan Co., Maumee, $11,375. Noted Sept. 23.

★**Michigan**—State Highway Dept., Lansing, let contract grading, draining and surfacing 4.155 mi. Assessment Dist. 394, 12 ft. wide, Ingham and Eaton Counties, to Brown-Gordon Co., Lansing, $43,-Noted Sept. 23.

★**Ill., Silvis**—City let contract paving 15th, 5th, 6th and 7th Sts., to McCar Impvt. Co., 220½ Main St., Davenport, I $25,161.

★**Wisconsin**—State Highway Dept., Milwaukee, let contract grading and buildin concrete culverts on .45 mi. Lake Shor Rd., Federal Aid Project 169, Sheboyga Co., to Clios & Myer, 1600 Oakland Ave Milwaukee. About $25,000. Noted Oct.

★**Wis., Monticello**—City let contract grading and paving .9 mi. Railroad St., involving 8,046 sq.yd. 1 course concrete, Webb & Dixon, Main St., Albany, $26,712.

★**N. D., Mott**—Hettinger Co. let contract building 7 mi. Federal Aid Project 37A, 24 ft. wide, involving 4 acres clearing and grubbing, 45,533 cu.yd. excav., 3,735 cu.yd overhaul, etc., to Stanley Bros., St. Cloud, Min. $37,842.

★**Missouri**—State Highway Dept., St Joseph, let contract to Buchanan Co., St Joseph, building 20.02 mi. Sect. A, St Joseph-Atchison Rd., 24 ft. wide, Federal Aid Project 49, $127,213; 20.02 mi. Sect. C, St. Joseph-Atchison Rd., 18 ft. wide, Federal Aid Project 49, $814,330, both Buchanan Co. Noted Sept. 30.

★**Tex., Cameron**—Milam Co. let contract improving 5.71 mi. Highway 44, Federal Aid Project 191, (a) involves 2 acres clearing and grubbing, grading road, 4,177 cu.yd. earth borrow and surfacing road with schist and gravel, (b) building rein.-con. drainage structures, to F. L. Tribble, Rackdale, (a) $28,861, including 10% for engineering and contingencies; J. L. Barmore, Cameron, (b) $4,469. Noted Sept. 30.

Tex., Eldorado—C. A. Womack, judge Schleicher Co., received only bid Sept. 21, grading, surfacing and draining 4.01 mi. Highway 4 south from here, from Schleicher Co., $77,036. Work involves 3,562 cu.yd. borrow and 9,558 cu.yd. earth excav., 6,271 cu.yd. sledge stone surfacing, 21.55 cu.yd. Class "A" and 3.6 cu.yd. Class "C" concrete. Noted Sept. 16.

★**Tex., Franklin**—Robertson Co. let contract grading, surfacing and building concrete and steel bridges and concrete culverts on 17.99 mi. Highway 14 from Nesbit to point 2 mi. north of Wheelock, 15 ft. wide, to Harris & Powell, Tyler, $203,136, including 10% for engineering and contingencies. Work involves 114.9 acres clearing and grubbing, 83,797 cu.yd. borrow and 35,954 cu.yd. earth excav., 1,285.07 cu.yd. Class "A" concrete, 35,050 cu.yd. gravel, 20,080 ft. floor for steel spans, 102,-740 lb. reinforcing and 145,200 lb. structural steel. Noted Sept. 2.

Tex., Kaufman—Kaufman Co. received bids Sept. 28, for (1) grading, surfacing and draining 16.21 mi. Highway 15 through Precinct 3, Federal Aid Project 130, involving 4 acres clearing and grubbing, 11,-171 cu.yd. earth excav., 30,209 ft. creosoted timber, 20,627 cu.yd. gravel surfacing, 4,907 lb. structural and 9,682 lb. reinforcing steel, (2) grading and surfacing 14.86 mi. Highway 40 through Precinct 7, 35.3 acres clearing and grubbing, 111,795 cu.yd. earth borrow and 34,086 cu.yd. earth excav. and 33,-844 cu.yd. gravel, from Womack Constr. Co., Houston, (1) $67,871, (2) $105,553; Smith Bros. and Healey Constr. Co., c/o Smith Bros., Crockett, (1) $81,138, (2) $122,577. Noted Sept. 2 and 9.

Tex., Marlin—Falls Co. received bids Sept. 30, improving 6.78 mi. Highway 2 through Precinct 1, (a) involves 38.3 acres clearing and grubbing, grading road, 23,811 cu.yd. borrow gravel surfacing and building rein.-con. drainage structures, (b) topping with 1½ in. bituminous material, from Phipps & Whatley, Marlin, (a) $88,319; Brown & Root, Taylor, (a) $95,142; Williams-Burk Co., Jacksonville, (a) $90,659; Smith Bros., Crockett, (a) and (b) $172,-514. Noted Sept. 23.

★**Tex., San Antonio**—Bexar Co. let contract building drainage structures on 6.2 mi. Highway 9 from Atascosa Co. line north, to J. L. Black, San Antonio, $4,756; grading and graveling will be done by day labor, cost $76,311. Noted Sept. 23.

Tex., Seguin—Guadalupe Co. received bids Oct. 5, improving 3.256 mi. Meridian Highway from Bexar Co. line to Comal Co. line, (a) 2 in. or 1½ in. Willite asphalt concrete pavement, (b) 2 in., or 1½ in., hot application natural rock, from Texas Wil-

Streets and Roads (Continued)

lite Road Constr. Co., 301 Mason Bldg., Houston, (a) 2 in. $77,622. 1½ in., $71,891; Chapin-Coglazier Constr. Co., Moore Bldg., San Antonio, (b) 2 in. $50,749, 1½ in. $45,991. Noted Sept. 23.

★**Wash., Seattle**—City let contracts paving, curbing and building sewers in 10th Ave. N., et al., to F. N. Badolato, Builders Exch., $70,694; subgrading, curbing and paving Shishole Ave., et al., to Fiorito Bros., 62d 2d Ave., N.W., $73,483. Noted Sept. 30.

★**Ont., Toronto**—City let contract paving Dufferin St. and Willard Ave., involving 9,000 sq.yd. Warrenite bitulithic on 6 in. concrete base, to Warren Bituminous Co., McKinnon Bldg. About $46,000.

Railways

PROPOSED WORK

Texas—City of Houston plans election to vote on $150,000 bonds to build extension to municipal railway and $475,000 bonds to build switch yards and connections at wharves.

BIDS DESIRED

Michigan—Until Oct. 18, by Comr. Purchases & Supplies, Municipal Court Bldg., Detroit, furnishing industrial railroad tracks, switches, etc., to include two hundred and fifty 7½-15 ft. sections straight track, 90 extra ties with shoes for rail joints, 5 right and 5 left hand switches, for Street Ry Comn. W. C. Markham, ch. engr.

Excavation and Dredging

PROPOSED WORK

Wis., Racine—Drainage—Farm Drainage Bd. plans to build D. D. 1. About $25,000.

Ia., Indianola—Excavation—T. Darnell, aud. Warren Co., opens bids in December, straightening Middle River. About $80,000. A. S. Van Sandt, Clarinda, engr.

Ia., Oskaloosa—Ditch—Mahaska Co. rejected bids received Sept. 18 building 7.6 mi. open ditch in D. D. 5, involving 489,158 cu.yd. excav. D. B. Russell, Oskaloosa, engr. Noted Sept. 9.

BIDS DESIRED

Ill., Geneseo—Ditch—Until Oct. 26, by Comrs. Rock River Drainage and Levee Dist., Henry and Whiteside Counties, at office of H. Waterman, atty., Geneseo, building main and lateral ditches, involving 272,000 cu.yd. excav. L. S. Ropp, R. R. 6, chn.; advertised in this issue.

Ill., Rochelle—Ditch and Drain—Until Oct. 26, by Gardner & Gardner, attys., Rochelle, building ditches and drains in Brush Grove D. D., Lee and Ogle Counties, to include cleaning and enlarging 13.7 mi. earth ditches, involving 217,000 cu.yd. earth excav., constructing 3.2 mi. new open ditches, involving 44,000 cu.yd. earth excav., and laying 25,200 ft. 12-27 in. tile. C. W. Clark, engr.

Wis., Manawa—Drain—Until Oct. 25, by C. Ross, secy. Waupaca Co. Drainage Bd., building 16,000 ft. tile drain. L. M. Schindler, Appleton, engr.

Ia., Marengo—Drainage—Until Oct. 26, by A. H. Hunter, aud. Iowa Co., building D. D. 8, 54,300 ft. long, 13 ft. deep, involving 457,600 cu.yd. excav. About $100,000. Noted Sept. 9.

S. D., Hayti—Ditches—Until Oct. 20, by A. E. Johnson, aud. Hamlin Co., building 5 mi. Bryant D. D., involving 3,500 cu.yd. excav.; 13 mi. Barrett D. D., 4 ft. wide, 7½ mi. clean out work; 4 mi. Tetslaff D. D., 7,000 cu.yd. excav. About $25,000. Dakota Eng. Co., Mitchell, engrs.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Ia., Webster City**—Drainage—Hamilton Co., let contract to Natl. Sewer Pipe Co., Webster City, furnishing tile and other material building Matilda Weimer D. D. 241, Lydia Anderson D. D. 242 and Sven Erickson D. D. 240, $25,750, $21,636 and $6,979 respectively; to O. C. Kelvig, Ellsworth, furnishing labor building D. D. 241 and D. D. 240, $31,289 and $12,869 respectively. Noted Sept. 16 and 30.

★**Ontario** — Dredging — Dept. Pub. Wks., Ottawa, let contract for dredging work at Whitby, Oakville and Bowmanville to C. B. Boone Dredging & Constr. Co., Excelsior Life Bldg., Toronto, $0.65 per cu.yd. About $41,000.

★**Ont., Kingston**—Dredging—Dept. Pub. Wks., Ottawa, let contract dredging above Cataraqui Bridge and at harbor front to Frontenac Dredging Co., Toronto, at $0.50 per cu.yd. About $85,000.

★**Ont., Port Hope**—Dredging—Dept. Pub. Wks., Ottawa, let contract dredging here to Frontenac Dredging Co., Toronto, at $1.70 per cu.yd. About $38,000.

Industrial Works

PROPOSED WORK

Me., Westbrook—S. D. Warren & Co., Cumberland Mills, plans to build 1 story, 90 x 250 ft., brick and concrete warehouse, concrete foundation. About $50,000. Private plans.

N. J., Garfield—De Mattia Bros. plan to build 90 x 200 ft. factory. About $200,000. J. F. Kelley, P. O. Bldg., Passaic, engr.

Pa., Royalton—Vogt Farm Meats Products Co. having surveys made by I. J. Boyd, Middletown, for 2 story, 60 x 200 ft., brick and steel factory, on Youngs Lane here, to include warehouse, stock yard buildings, etc. About $150,000.

Md., Fairfield (Baltimore P. O.)—Union Shipbuilding Co. plans to build 2 story, 70 x 200 ft. carpenter shop.

O., Cleveland—Betz-Pierce Co., 2230 East 9th St., plans to build 2 story, rein.-con., brick and steel warehouse, rein.-con flooring, brick and concrete foundation, on East 44th St. and Payne Ave. About $125,000. Architect not selected.

O., Cleveland—The Brass Co., c/o A. Sogg, archt., 319 Hippodrome Bldg., having plans prepared for 1 story, 75 x 160 ft., brick and steel foundry and machne shop, brick foundation. About $100,000.

O., Cleveland—Cleveland Grain Co., Engineers Bldg., plans to build 1 story mill and elevator, rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation. About $150,000. A. E. Baxter Eng. Co., Elliott Square, Buffalo, N. Y., engrs.

O., Cleveland—Laundryette Co., 1190 East 152nd St., plans to build 2 story, rein.-con., and brick addition to factory, rein.-con. flooring, brick and concrete foundation, on East 152nd St. and St. Clair Ave. About $50,000. E. T. Van Dorn, pres. Private plans.

O., Cleveland—B. J. Schwartz, Williamson Bldg., plans to build 2 story, 100 x 100 ft., brick and steel factory, brick foundation, on Lakeside Ave. near East 17th St. About $60,000. Architect not selected.

O., Cleveland—D. D. Wessels, 1385 East 17th St., opens bids about Oct. 20, building 2 story, 107 x 116 ft., brick and steel factory, brick foundation, on East 21st St. and Oregon Ave. About $100,000. W. G. Caldwell, Park Bldg., archt. Noted July 8.

O., Conneaut—See "Buildings."

Mich., Detroit—Detroit Evening News, Lafayette Blvd., plans to build 1 story, 90 x 140 ft., rein.-con., brick and steel garage, rein.-con. flooring, concrete foundation. A. Kahn, Marquette Bldg., archt.

Mich., Hamtramck (Detroit P. O.)—Jeffery-Dewitt Co., Butler Ave. along tracks of Grand Trunk Ry., Detroit, plans to build 5 story addition to porcelain factory, rein.-con. and brick, rein.-con. flooring, concrete foundation on Butler Ave. here. About $200,000.

Ill., Chicago—Kroeschell Bros. Co., 460 West Erie St., having plans prepared by Davidson & Weiss, archts., 53 West Jackson Blvd., for 1 and 2 story, 220 x 338 ft., brick and steel factory, on Diversey St. along tracks of Chicago, Minneapolis & St. Paul R.R. About $800,000.

Wis., De Pere—Clover Leaf Dairy Co. plans to build 1 story, 40 x 160 ft., brick, rein.-con. and steel factory, brick foundation, on Main St. About $100,000. Architect not selected, probably private plans.

Wis., Milwaukee—P. Bogenski, 1139 Grove St., plans to build 1 story, 70 x 172 ft., brick and concrete factory, concrete foundation. Private plans.

Wis., Milwaukee—A. C. Eschweiler, archt., Goldsmith Bldg., soon lets contract building 1 story, 120 x 130 ft., rein.-con. and brick garage, rein.-con. flooring, concrete foundation, on Clybourn St., for Wisconsin Telephone Co., 418 Bway.

Wis., Racine—Goodrich Transit Co., East 2nd St., completing plans for 1 story, 50 x 200 ft., rein.-con. warehouse, rein.-con. flooring, concrete foundation. Private plans.

Minn., Minneapolis—S. J. Bowler, archt., 617 Phoenix Bldg., preparing plans for 2 story, 100 x 100 ft. rein.-con. and brick garage. About $50,000. Owner's name withheld.

Tex., Houston—City plans election to vote on $150,000 bonds to build cotton sheds.

Wash., Seattle—A. M. Castle Co., 1201 1st St., S. having plans prepared by J. R. Nevins, Archt., Hoge Bldg., for 2 story, 160 x 720 ft. factory, brick, rein.-con. flooring, concrete foundation, on East Marginal Way and Alaska St. About $200,000.

N. B., Grand Falls—International Paper Co., Three Rivers, Que., receives bids in November, building pulp and paper plant here, capacity 200 tons newsprint daily. About $1,000,000. P. T. Dodge, pres.

Que., Clarke—Clarke Trading Co., Ltd., soon receives bids building pulp and paper plant. About $500,000.

Ont., St. Thomas—Canadian Edison Phonograph, Ltd., purchased large factory and plans to remodel and equip same. About $250,000. O. J. Haarlander, mgr. Private plans.

BIDS DESIRED

Mass., Lynn—General Electric Co., 84 State St., receiving bids building 1 story, 160 x 300 ft., concrete, brick and steel addition to plant, rein.-con. flooring, concrete foundation. About $150,000.

N. Y., New York—Until Oct. 21, by G. A. Whalen, comr. Plant & Structures, Municipal Bldg., constructing housing station, on Henry, Madison and Birmingham Sts., for Dept. Street Cleaning.

N. Y. Tonawanda—Stanley Steel Welded Wheel Corp., 40 Court St., Boston, receiving bids building 1 story, 100 x 200 ft., concrete and steel factory, rein.-con. flooring, concrete foundation. About $100,000. Private plans.

Pa., Phila.—Clark & Dudnick, archts. and engrs., Drexel Bldg., receiving bids building 1 story, 110 x 170 ft., rein.-con., brick and steel garage, on 33rd, Columbia and Nationa Sts., for J. C. Ulick, c/o architects.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Me., Lisbon Falls**—Worumbo Mfg. Co. let contract building 2 story, 53 x 93 ft. boiler house and 2 story, 50 x 63 ft. turbine house, brick and concrete, at plant, to Turner Constr. Co., 178 Tremont St., Boston. Cost to exceed $50,000. Noted Sept. 30.

★**Mass., Fall River**—Fall River Bobbin & Shuttle Co., 821 Cambridge St., let contract building 4 story, 41 x 100 ft., brick and steel addition to plant, concrete foundation, to Genl. Eng. & Constr. Co., New Bedford Savings Bank Bldg., New Bedford. About $50,000.

★**Mass., Fitchburg**—Fitchburg Gas & Electric Light Co., 537 Main St., let contract building 2 and 3 story, 58 x 152 ft., boiler house, machine shop and service station additions, steel and concrete, rein.-con. flooring, concrete foundation, on Sawyer Passageway, to Wiley & Foss, Central St. About $125,000.

★**Mass., Norwood**—Holliston Mills, Lenox Ave., let contract building 2 story, 134 x 282 ft. brick and mill construction factory, rein.-con. flooring, concrete foundation, also 1 story, 50 x 70 ft. brick boiler house, at plant, to C. A. Batson, 26 Arlington St., Brockton. About $200,000. Incorrectly noted in our issue of Sept. 23.

★**Mass., Somerville**—New England Breakfast Food Co., 29 Newberne St., will build 3 story, 45 x 85 ft. addition to plant, concrete and steel, rein.-con. flooring, concrete foundation, on Lowell St. About $50,000. Work will be done by day labor. Noted Sept. 30.

★**Mass., Watertown** (Boston P. O.)—Walker & Pratt Mfg. Co., 31 Union St., Boston, let contract building 1 story, 120 x 160 ft., brick and steel addition to plant, rein.-con. flooring, concrete foundation, on Cypress St., to T. Stuart & Son, Inc., Pearl St., Newton. About $70,000.

★**Mass., Whitinsville**—Whitins Machine Wks. will build 5 story, 80 x 400 ft. brick and rein.-con. carpentry shop, rein.-con. flooring, concrete foundation. About $500,000. Work will be done by day labor. Noted Sept. 30.

Industrial Works (Continued)

★**Mass., Worcester**—W. J. Whittall, Brussells St., let contract building 1 story, 83 x 202 ft., concrete, brick and steel addition to mill, concrete flooring, concrete foundation, on Southbridge St., to J. J. Power, 15 Ashland St. About $125,000.

★**R. I., Providence**—Vesta Knitting Mills, 4 Blount St., let contract building 6 story brick and timber addition to mill, concrete foundation, to J. F. Cole, 81 Niagara St. About $50,000.

★**N. Y., Brooklyn**—Amer. Marine Paint Co., Inc., 175 Dwight St., will build 2 story, brick and steel factory, rein.-con. flooring, concrete foundation, on Richards St. About $75,000. Work will be done by day labor.

★**N. Y., Brooklyn**—Borough Park Garage Co., 1434 49th St., New York City, will build 4 story, 90 x 100 ft., brick and steel factory, rein.-con. flooring, concrete foundation, on 14th Ave. and 38th St. Work will be done by day labor.

★**N. Y., Brooklyn**—J. P. Kelly, c/o Carlson & Wiseman, archt. and engrs., 226 Henry St., will build 1 story, 130 x 190 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on East 16th St. near Kings Highway. About $50,000. Work will be done by day labor.

★**N. Y., Brooklyn**—M. Klein, 783 Nostrand Ave., will build 1 story, 75 x 100 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Stockholm St. near Central Ave. About $75,000. Work will be done by day labor.

★**N. Y., Brooklyn**—W. G. Lahn, 57 East 15th St., will build 1 story, 100 x 160 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on 87th St. near 4th Ave. About $55,000. Work will be done by day labor.

★**N. Y., Brooklyn**—I. Stalman, c o P. Caplan, archt., 16 Court St., will build 1 story, 85 x 250 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on 65th St. near 5th Ave. About $75,000. Work will be done by day labor.

★**N. Y., Buffalo**—Amer. Car & Fdry. Co., 370 Babcock St., let contract building 1 story, 43 x 100 ft., brick and steel boiler house, to J. W Cowper Co., Fidelity Bldg. About $50,000.

★**N. Y., New York**—City Real Estate Co., 176 Bway., will build 1 story, 75 x 200 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Boston Rd. near Jefferson Pl. About $50,000. Work will be done by day labor.

★**N. Y., New York**—J. P. Kelly, c/o Carlson & Wiseman, archts. and engrs., 226 Henry St., Brooklyn, will build 4 story, 50 x 100 ft., brick and steel garage, rein.-con. flooring, concrete foundation, at 521 West 161st St. About $100,000. Work will be done by day labor.

★**N. Y., New York**—Rechnitz Bros., 143 Liberty St., will build 1 story, 100 x 195 ft., brick and steel garage, rein.-con. flooring, concrete foundation, at 302 East 45th St. About $150,000. Work will be done by day labor.

★**Pa., Lebanon**—Cornwall R.R., Donaghmore St., let contract building 1 story, 150 x 200 ft. machine shop, brick and steel, to Austin Co., Bulletin Bldg., Phila.

★**Pa., Phila.**—Amer. Stores Co., 19th and Penn Sts., let contract building 5 story, 40 x 90 ft., brick and concrete addition to warehouse, to A. B. Kister, 621 Sansom St. About $100,000.

★**Pa., Phila.**—C. B. Porter, 126 North 2d St., let contract altering brick garage and factory, at 123 North Broad St., to Stewart Bros., 2528 North Orkney St. About $75,000.

★**Pa., Phila.**—Staybestos Mfg. Co., Linn and Armat Sts., let contract building 2 story, 60 x 150 ft., concrete and brick factory, on Berkeley St. and Germantown Ave., to R. M. Peterson & Son, 5114 Germantown Ave. About $75,000.

★**Md., Baltimore**—Amer. Ice Co, Calvert Bldg., let contract building 33 x 82 x 99 ft. storage building, 82 ft. high, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Montford Ave. near Chase St., to G. A. Fuller Co., Amer. Bldg. About $200,000. Noted Oct. 7.

★**Md., Baltimore**—I. Silberstein, 607 Equitable Bldg., will build 6 story, 48 x 144 ft., concrete, brick and steel warehouse, concrete foundation, on Fayette and Paca Sts. About $150,000. Work will be done by day labor. Noted June 29.

★**O., Bucyrus**—Ohio Crane Co. let contract building 2 story, 100 x 127 ft., brick and steel factory, to Austin Co., 16112 Euclid Ave., Cleveland. About $75,000.

★**O., Elyria**—Universal Crane Co., 1106 Swetland Bldg., Cleveland, let contract building 1 story, 118 x 180 ft., brick and steel factory, brick foundation, to J. R. Gloyd Co., 1816 East 33rd St., Cleveland. About $125,000.

★**O., Fremont**—Henkel-Clauss Cutlery Co. let contract building 2 story, 125 x 187 ft., brick and steel factory, to Steinle Constr. Co. About $100,000.

★**Ind., Indianapolis**—Westinghouse Lamp Co., 165 Bway., New York City, let contract building rein.-con., brick and steel plant, rein.-con. flooring, concrete foundation, to D. P. Robinson, 125 East 46th St., New York City. About $500,000. Noted Aug. 12.

★**Wis., Cudahy**—Worthington Pump & Mchy. Co., Packard Ave., let contract building 2 story, 60 x 175 ft., mill construction pattern shop and storage building, concrete foundation, to W. Tubesing, 139 Chestnut St., Wauwatosa. About $130,000. Noted Aug. 12

★**Wis., Milwaukee**—Wisconsin Food Products Co., Port Washington Rd., let contract building 1 story, 60 x 200 ft., rein.-con. and brick garage, rein.-con. flooring, concrete foundation, to W. Oeflein, 86 Michigan St. Noted Sept. 9.

★**Wis., Neillsville**—Neillsville Auto Co. let contract building 1 story, 90 x 120 ft., brick and concrete factory, rein.-con. flooring, concrete factory, rein.-con. flooring, concrete foundation to Schneider Constr. Co., Eau Claire. Noted Sept. 23.

★**Wis., Phillips**—See "Buildings."

★**Wis., Random Lake**—E. Fischer let contract building 2 story, 60 x 152 ft., cheese and dairy product factory, brick, rein.-con. and steel, rein.-con. flooring, brick and foundation, on Main St., to J. Gessner. Main St. About $50,000.

★**Ia., Cedar Rapids**—Concrete Products Co. let contract building 2 story, rein.-con. and brick factory and office, to J. Klepach Constr. Co., 1128 South 3rd St. About $60,000.

★**Col., Sterling**—Great Western Sugar Bldg., Denver, will build concrete, brick and steel factory, concrete foundation, to have 1,200 ton capacity, near here. About $2,000,000. Work will be done by day labor.

Wash., Seattle—School Dist. Central Bldg., received bids Sept. 25, constructing 3 story, 126 x 250 ft. warehouse, machine, plumbing and general shop building, rein.-con., rein.-con. flooring, concrete foundation, on 8th Ave. and Valley Sts., from J. A. McEachern, Colman Bldg., $249,000; Puget Sound Bridge & Dredging Co., Central Bldg., $249,300; Jenkins, Jones & Co., Hinckley Bldg., $249,540.

★**Que., Montreal**—Sherwin Williams Co., Ltd., Centre St., let contract building 3 story addition to paint factory, concrete, brick and steel, concrete foundation, to Anglin Norcross, Ltd., 65 Victoria St. About $62,000.

★**Ont., Midland**—Copeland Flour Mills, Midland Ave., let contract building 7 story, 100 x 170 ft. rein.-con. and steel mill, to McFarlane, Pratt Hanley Co., Waterfront St. About $365,000.

Buildings

PROPOSED WORK

Mass., Boston—Bank—Monks & Johnson, archts. 99 Chauncey St., preparing plans for brick and stone, on Washington and Essex Sts. About $100,000. Owner's name withheld.

Mass., Brookline (Boston P. O.)—Hotel—C. A. Newhall, 18 Tremont St., Boston, plans to build 8 story, brick and rein.-con. on Beacon St. About $1,500,000. H. A. Perkins, 8 Beacon St., Boston, archt.

Mass., Dalton—Community—Town plans to build community house. About $100,000. Architect not selected.

Mass., Holyoke—Exchange—New England Telegraph & Telephone Co., 119 Milk St., Boston, plans to build large brick and concrete, on Elm and Suffolk Sts. Architect not selected.

Mass., Lynn—Society—Knights of Columbus plan to build brick and steel on Common St. About $100,000. Saltonstall & Weed, 38 Exchange St., archts. Noted March 11.

Mass., Lynn.—Theatre—Goodman & Gordan, Andrew St., plan to build brick, steel and concrete, on Andrew St. and Central Ave. About $500,000. Architect not selected.

Mass., Malden (Boston P. O.)—Store and Office—Thorp & Marky, 33 Jackson St., plan to build brick and steel, on Converse Sq. About $100,000. M. F. Davis Hildreth Bldg., Lowell, archt.

Mass., Roslindale (Boston P. O.)—Temple—Masonic Bldg. Assn. plans to build 2 story, brick and concrete, on South and Conway Sts. About $100,000. H. B. Alden, 15 Exchange St., Boston, archt.

Mass., Swampscott (Lynn P. O.)—Theatre—C. T. McFarland, archt., 162 Newbury St., Boston, soon lets contract building 3 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Main St., here, for Sherburne Inc., 1 Beacon St., Boston. About $800,000 Noted Aug. 12.

Mass., Westfield—School—Town plans to build 2 story, 8 room, and assembly Hall addition, to Mosely School. About $125,000. M. B. Harding, 33 Elm St., engr.

Mass., Worcester—Chapel—Holy Cross College having plans prepared by Sheehan & Colleary, archts., 120 Boylston St., Boston, for 1 story, concrete, brick, steel and stone memorial chapel, on campus. About $300,000. J. J. Carlin, pres. Noted Sept. 16.

R. I., Providence—School—Pub. Bldg. Dept. will open bids about Oct. 18, building 3 story, 42 x 130 ft., brick and steel, rein.-con. flooring, concrete foundation, on Nelson and Jastram Sts. About $125,000. Noted July 8.

Conn., East Lyme—Institution—Connecticut State Farm for Women, State Health Dept., Hartford, plans to build brick and concrete addition to institution, here. About $300,000. Architect not selected.

Conn., Versailles—Housing—Versailles Sanitary Fibre Mills having plans prepared by F. L. Smith, archt., 31 East 40th St., New York City, for twenty-five 2½ story frame houses, near plant, for workmen. About $125,000.

N. Y., Hempstead—Theatre and Office—S. Calderone, 80 Terrace Ave., having sketches made by T. W. Lamb, archt. and engr., 644 8th Ave., New York City, for 2 story, brick and stone, brick foundation on Fulton Ave., here. About $150,000.

N. Y., Ithaca—Administration—Grand Lodge Odd Fellows having plans prepared by Gibb & Waltz, archts., Trust Co. Bldg., for administration building. About $140,000.

N. Y., New York—Clubhouse and Arena—Audubon Sporting Club, c/o D. F. Land, archt. and engr., 110 West 34th St., having plans revised for 2 story, brick, steel and stone, brick foundation, on 145th St and Lenox Ave. About $400,000. Noted Aug. 12.

N. Y., New York—Office—W. H. Dudley & Co., 165 Duane St., having plans prepared by Trowbridge & Ackerman, archts. and engrs., 19 West 44th St., for 2 story, 35 x 110 ft., brick and stone, brick foundation, on Varick and Watts Sts.

N. Y., Solvay (Syracuse P. O.)—School—Village plans election to vote on $150,000 bonds to build 2 story, brick and steel addition, on Woods Rd. M. L. King, Snow Bldg., Syracuse, archt.

N. Y., Syracuse—Church—First Church of Christ Scientist, 704 East Fayette St., plans to build church on East Jefferson St. About $200,000. G. Wright, City Bank Bldg., archt. and engr.

N. Y., Syracuse—Office—S. F. Hancock, O. C. S. B. Bldg., plans to build 12 story, 46 x 148 ft., brick and steel, rein.-con. flooring, concrete foundation, on South Warren St. Cost to exceed $250,000. W. C. Moulton, Union Bldg., archt. and engr.

Buildings (Continued)

N. J. Linwood—Club—McLanahan & Bellviser, archts., Bellevue Court Bldg., soon let contract building 1 and 2 story, 70 x 150 ft. and 75 x 150 ft., hollow tile and plaster, for Linwood Country Club. Noted Sept. 9.

N. J., Trenton—Jallade & Lindsey, archts. and engrs., 37 Liberty St., New York City, receive bids about Nov. 6, building brick, steel and stone, brick foundation, here, for Y. M. C. A., 2 West 45th St., New York City.

Pa., Cambria (Johnstown P. O.)—Theatre—M. B. Nairn, 102 McConaughty St., plans to build 3 story, 50 x 132 ft., brick, concrete and steel, rein.-con. flooring on 3rd Ave. and Broad St. About $100,000.

Pa., Erie—High School—Bd. Educ. receives bids about Nov. 15, building East Junior High School. R. F. Scobell, bus. mgr. Noted March 11.

Pa., Williamsport — Hotel — Williamsport Hotel Co., c/o W. L. Stoddart, archt. and engr., 9 East 40th St., New York City, having plans prepared for brick, steel and stone, concrete foundation, here. About $1,000,000.

Md., Catonsville (Baltimore P. O. — Asylum—General German Orphan Asylum, 224 Aisquith St., having plans prepared by W. M. Gieske, archt., 65 Gunther Bldg., for several 1 and 2 story buildings, rein.-con. and brick, concrete foundations, including cottage, power and heating plant, laundry, gymnasium, etc., on Bloomsbury Ave. About $150,000.

D. C., Wash.—Church—Emanuel Baptist Church, 16th St. and Columbia Rd., N. W., having plans prepared by E. Swarthout, archt., 18 West 34th St., New York City, for addition. About $250,000.

D. C., Wash.—Office—Southern R.R. Co., 13th and Pennsylvania Ave., N. W., plans to construct addition on top of present building. About $200,000. M. Heister & Co., Union Savings Bank Bldg., archts.

D. C., Wash.—School—Dist. Comrs. rejected bids received Sept. 14, building Woodridge-Langdon School. About $135,000. Noted Sept. 9.

Ala., Birmingham — Temple — Building Com., Masonic Temple Assn., soon receives bids building 4 story, 175 x 190 ft., temple and auditorium (main auditorium, capacity 4,000, small auditorium, 1,500), on 19th St. and 6th Ave., N. About $500,000. Warren & Knight, Empire Bldg., and H. B. Wheelock, Steiner Bank Bldg., archts. Noted Feb. 5.

Ala., Woodlawn (Birmingham P. O.)—High School—Bd. Educ. soon receives bids building 1st unit of new Woodlawn High School, 3 story, 60 x 275 ft., brick and cut stone. About $300,000. H. B. Wheelock, Steiner Bank Bldg., archt

La., Shreveport—Court House and Jail—City voted $200,000 bonds to build court house and jail.

La., Shreveport—Fire Stations—City voted $200,000 bonds to build central and suburban fire stations.

La., Shreveport—Library—City voted $265,000 bonds to purchase and also build library.

O., Akron — Bank and Office — Peoples Savings & Trust Co., Main and Exchange Sts., having plans prepared for brick and stone, brick foundation. About $500,000. J. B. Day, 1265 Bway., New York City, engr.

O., Cleveland—Hospital—Glenville Hospital, 701 Parkwood Drive, plans to build 3 story, rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation. About $150,000. H. E. Shimmen, 2031 Euclid Ave., archt. J. M. Benson, 701 Parkwood Drive, engr.

O., Cleveland — Commercial — C. Baden, 10512 Lee Rd., plans to build 6 story, 40 x 100 ft., rein.-con., brick and steel, rein.-con. flooring concrete foundation, at 1323 Payne Ave. About $150,000. Architect not selected.

O., Cleveland — Commerical — A. J. Rice, 1369 West 3rd St., plans to build 3 story, rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation, on East 37th St. and Woodland Ave. About $100,000. Architect not selected.

O., Conneaut—Exchange, etc.—Conneaut Telephone Exchange Co., having plans prepared by V. Redding, archt., 301 Bird Bldg., Mansfield, for 2 story, 40 x 80 ft. exchange and 40 x 40 ft. garage, rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundations. About $100,000.

O., Independence—School—Bd. Educ. plans election Nov. 2, to vote on $100,000 bonds to build 2 story, rein.-con., brick and steel, rein.-con. flooring brick and concrete foundation. A. Gowdy, clk. Architect not selected.

O., Troy—Office—Office Gummed Products Co. having plans prepared for 3 story, brick and concrete. About $100,000.

O., Youngstown — Church — St. Pauls Church plans to build 1 story (including tower), 250 x 300 ft., brick and steel, rock foundation, on Oak Hill and Cleveland Aves. About $400,000. C. A. Martin, rector. E. T. P. Graham, 20 Beacon St., Boston, Mass., archt. Noted Sept. 16.

Mich., Center Line — High School — A. Kraemer plans to build Junior High School, 3 story, 63 x 190 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation. Van Leyen Schilling, Keough & Reynolds, 556 Cass Ave., Detroit, archts.

Mich., Detroit — School — United Hebrew School, 239 East High St., plans to build 3 story, 60 x 250 ft., rein.-con., brick and steel concrete foundation, on Kirby Ave. and St. Antoine St. About $200,000. Architect not selected.

Mich., Groose Pointe Park (Detroit P. O.) —Office and Mercantile—A. M. Henry, 1940 Penobscot Bldg., Detroit, plans to build 2 story, 92 x 103 ft., rein.-con., brick steel and stone rein.-con. and hardwood flooring, concrete foundation, here. About $100,000. B. C. Wetzel & Co., Dime Bank Bldg., Detroit, archts.

Ill., Chicago—Club House—D. S. Klafter, archt., 64 West Randolph St., opens bids about Nov. 10, building 2 story, 60 x 300 ft., concrete and brick, concrete foundation, on Crawford and Devon Aves., for Bryn Mawr Country Club, 111 West Washington St. About $150,000. H. Goldstine, pres. Noted May 13.

Wis., Adams—Grade School—Bd. Educ. having plans prepared by E. L. Kronenberg, archt., 18 North Carroll St., Madison, for 2 story, 60 x 100 ft., rein.-con., brick and tile. About $100,000.

Wis., De Pere—Science Hall—St. Norberts College plans to build 3 story, 100 x 250 ft., brick, rein.-con. and steel, concrete foundation, on Main St. About $100,000. B. H. Penneys, pres. Architect not selected.

Wis., Eagle River—High School—City voted $125,000 bonds to buid high school. C. Wiegand, chn.

Wis., Frederic—High School—Bd. Educ. plans to build 2 story, 60 x 80 ft., brick, rein.-con. and tile. About $100,000. M. E. Yager, dir. E. J. Hancock, Lyric Bldg., Eau Claire, archt

Wis., Jefferson—Convent and Chapel—St. Coletta Convent Assn. soon receives bids building 3 story, 60 x 260 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, on Main St. About $260,000. E. Breilmaier & Sons Co., University Bldg., Milwaukee, archts. and engrs. Noted Sept. 23.

Wis., Kenosha—Hotel and Store—Sheridan Hotel Co., c/o M. J. Berend, 175 3d St., Milwaukee, having plans prepared by W. W. Ahlschlager, archt., 111 West Washington St., Chicago, for 10 story, 75 x 130 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, on Sheridan Rd., here. About $1,500,000

Wis., Milwaukee—School—Bd. Industrial Educ., 62 Mason St., plans to build 2nd unit of continuation school, 7 story, 145 x 268 ft., brick, rein.-con. and steel, rein.-con. flooring, on 6th and Prairie Sts. About $1,000,000. Van Ryan & De Gelleke, Caswell Blk., archts. and engrs.

Wis., Racine—Office—Journal-News Publishing Co., 328 Main St., soon receives bids building 2 story, 60 x 110 ft., rein.-con. and brick. About $100,000. F. R. Starbuck, secy. L. Bassindale, 321 Capitol Bank Bldg., St. Paul, Minn., archt.

Wis., Sheboygan—Club—Knights of Columbus, 529 North 8th St., plan to build 4 story club house. About $150,000. Architect not selected.

Wis., Wauwatosa—Orphanage—Lutheran Kinderheim, East Milwaukee Ave., plans to build 3 story, rein.-con. and brick, rein.-con. flooring, concrete foundation, on East Milwaukee Ave. About $100,000. E. Weyland, Caswell Blk., Milwaukee, archt. Noted Sept. 30.

Ia., Davenport—Temple—Odd Fellows Temple Assn. having plans prepared by Clausen & Krase, archts., 316 Central Office Bldg., for 5 story, 60 x 150 ft. About $350,000.

Minn., Chisholm — School — Bd. Educ. opens bids about Jan. 2, building 3 story, 150 x 225 ft. rein.-con., brick and steel, concrete flooring and foundation, on 3rd Ave. and Chestnut St. About $250,000. Architect not selected.

Minn., Eveleth — School — Independent School Dist. 39 plans to build vocational school. City Council considering special election to vote on $700,000 bonds for project. J. M. Stearns, clk.

Minn., Minneapolis—Theatre and Store—S. J. Bowler, archt., 617 Phoenix Bldg., preparing plans for 2 story, 85 x 170 ft., rein.-con. and brick. About $100,000. Owner's name withheld.

Mo., St. Louis—Office—I. A. Hedges, Cupples Sta., (St. Louis P. O.), is interested in syndicate, which is having tentative plans prepared by P. J. Bradshaw, archt., International Life Bldg., for 3 story, 130 x 250 ft. concrete and steel, on Olive and Beaumont Sts. About $500,000.

Tex., Denison—Hotel—E. E. Hall, archt., 123 West Madison St., Chicago, preparing preliminary plans for (probably) 5 story, 150 x 150 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on Woodard and Burnett Sts., here. About $400,000. Owner's name withheld.

Tex., Houston—Schools—City plans election to vote on $150,000 bonds to build schools.

Cal., Los Angeles—Hospital—Trinity Hospital Assn. having plans prepared by W. C. Pennell and G. H. Nevatt, archts., 204 Investment Bldg., for 4 story, Class "A" rein.-con., on 6th and Bonnie Brae Sts. to accommodate 150 patients. About $350,000.

Cal., Stockton—Hall, Exhibit, etc.—San Joaquin Co. election Nov. 2, to vote on $350,000 bonds to construct buildings at Agricultural Park. Noted June 17.

Que., Montreal—Dormitory—Governors of McGill University soon receive bids building dormitory on Pine Ave. section of campus. About $500,000.

Ont., London—Collegiate Institute—Bd. Educ., c/o R. M. McElheran, secy., Dundas St., receives bids about Nov. 15, 26 room building, on Dufferin Ave. About $750,000. L. E. Carrothers, c/o Bd. Educ., archt.

Ont., Windsor — Hospital — Salvation Army, c/o A. Martin, 394 Clarence St., London, receives bids in November, building brick and stone addition, here. About $180,000. A. Miller, c/o Salvation Army, 20 Albert St., Toronto, archt

BIDS DESIRED

Mass., Blackstone — Housing — Jackson, Robertson & Adams, archts., Turks Head Bldg., Providence, receiving bids building 3 story, brick and timber houses for workmen, concrete foundations, on County and Butler Sts., for Blackstone Mfg. Co. Cost to exceed $100,000.

Mass., Boston—Store—Bigelow & Wadsworth, archts., 3 Hamilton Pl., receiving bids altering concrete and steel building on Chauncy and Bedford Sts., for Jordan, Marsh Co., 450 Washington St. About $100,000.

Pa., Oil City—Theatre—Until Oct. 25, by A. W. Johnson, archt. and engr., 469 5th Ave., New York City, building brick and stone, brick foundation, here, for Columbia Amusement Co., c/o architect. About $200,000. Noted July 22.

Va., Richmond—Gymnasium—Lee & Lee, associated archts., 918 East Main St., receiving bids building 2 story, 75 x 160 ft., brick and stone, on campus, for Richmond College. About $150,000. Cram & Ferguson, 15 Beacon St., Boston, archts.

Mich., Detroit — Mercantile — Frank & Seder, c/o Smith, Hinchman & Grylls, archts., 710 Washington Arcade, receiving bids building 12 story, 60 x 100 ft., rein.-con., brick and steel rein.-con. flooring, concrete foundation, on Woodward Ave. Noted May 20.

Buildings (Continued)

Mich., Detroit—Schools—Until Oct. 22, by Bd. Educ., 50 Bway., furnishing labor and material building Houghton Addition, on Abbott St., cost $215,000; Marxhausen School, on Cadillac Ave. between Warren and Moffat Aves., $200,000; Majeska School Addition, on Lyman Ave. between St. Aubin and Duboise Sts., $200,000; Greenfield Park School, on Longwood Ave. between Parkhurst and Louisiana Aves., $60,000. All to be 2 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation. Malcolmson, Higginbotham & Palmer, 404 Moffat Bldg., archts.

Minn., Hackensack—School—Until Oct. 18, by R. F. Ross, clk. Cass Co. School Dist. (Walker), building 2 story, 102 x 107 ft., rein.-con., brick and steel, rein.con. flooring, concrete foundation, here. Lukenberg, Kaplan & Martin, 617 Enright Bldg., Minneapolis, archts.

Cal., Hollister—School—Grammar School Dist. receiving bids building 1 story, 8 room, frame, terra cotta and brick. About $100,000. W. H. Weeks, 75 Post St., San Francisco, archt.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. H., North Stratford**—Housing—New Hampshire Stave & Heading Mill let contract building 2 story, frame houses for workmen, to Snare & Triest Co., 8 West 40th St., New York City. Cost to exceed $100,000.

★**Mass., Boston**—Bank and Office—Natl. Shawmut Bank, 40 Water St., let contract building 8 story, rein.-con. brick and steel addition, rein.-con. flooring, concrete foundation, on Devonshire St., to L. P. Soule & Son, 80 Boylston St. About $1,000,000.

★**Mass., Brookline**—Hotel—J. J. Smith, archt., 1106 Old South Bldg., Boston, will build 8 story, 136 x 254 ft. rein.-con., brick, stone and steel, rein.-con. flooring, concrete foundation, on Kent and Beacon Sts. About $1,250,000. Owners name withheld. Work will be done by day labor under supervision of architect.

★**Mass., Brookline**—Hotel—J. J. Smith, archt., 1106 Old South Bldg., Boston, will build 8 story, 120 x 238 ft. rein.-con., brick, stone and steel, rein.-con. flooring, concrete foundation, on Prang St. and Huntington Ave. About $1,000,000. Owners name withheld. Work will be done by day labor under supervision of architect.

★**Mass., Peabody**—School—Bd. Educ. let contract building 2 story, 100 x 100 ft., brick, concrete and steel, rein.-con. flooring, concrete foundation, on Washington St., to C. S. Cunningham & Sons Constr. Co., 80 Boylston St., Boston. About $102,000. Noted Sept. 30.

Conn., New Britain—School—Bd. Educ. received bids building 2 story, 60 x 240 ft. with 56 x 70 ft. ell, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Tremont St., from Eastern Eng. & Constr. Co., 886 Main St., Bridgeport, $330,000; Torrington Bldg. Co. 197 Water St., Torrington, $373,487; T. W. Crowe, 64 Grove Hill St., $398,122. Noted Sept. 23.

★**N. Y., Brooklyn**—Bank Home Savings Bank, c/o G. Erda, archt. and engr., 826 Manhattan Ave., let contract building 2 story, 50 x 60 ft., brick and stone, brick foundation, on Manhattan Ave., to W. P. McGarry, 292 Freeman St., Long Island City. About $175,000. Noted June 10.

N. Y., Brooklyn—Dormitory—Dept. Pub. Welfare, Municipal Bldg., New York City, received bids Oct. 8, building and completing general contract, electrical work, domestic hot water generator, etc., for dormitory in Kings Co. Hospital, here, from Nugent Constr. Co., 505 5th Ave., New York City, $286,000; W. Werner Eng. Co., 50 Court St., $295,997. Noted Sept. 30.

★**N. Y., Brooklyn**—Theatre—M. Livcoti, c/o C. P. Cannella, archt., 1163 Herkimer St., will build 1 story, brick, steel and stone brick foundation, on Slocum St. and Myrtle Ave. About $175,000. Work will be done by day labor.

★**N. Y., Freeport**—Theatre—South shore Constr. Co., 5 Columbus Circle, New York City, will build brick and stone, brick foundation, here. About $200,000. Work will be done by day labor.

★**N. Y., New York**—Synagogue—Congregation Bnai Israel of Washington Heights, 535 West 148th St., will build 1 story, 75 x 100 ft., brick and stone, brick foundation, at 617 West 149th St. About $200,000. Work will be done by day labor. Noted Jan. 1.

★**N. Y., Rockville Center**—Theatre—Southshore Constr. Co., 5 Columbus Circle, New York City, will build brick and stone, brick foundation, here. About $100,000. Work will be done by day labor.

★**N. Y., Syracuse**—Pavilion—Bd. Supervs. Onondaga Co. let contract buildng Childrens Pavilion, at Onondaga Tuberculosis Sanatorium, to Shane Constr. Co., Herald Bldg., $111,534. Noted Sept. 2.

★**N. Y., Valley Stream**—Theatre—Southshore Constr. Co., 5 Columbus Circle, New York City, will build brick and stone, brick foundation, here. About $100,000. Work will be done by day labor.

Pa., Ebensburg — Court House—Comrs. Cambria Co. received bids Sept. 27, building brick and steel addition and dome, from W. H. Fissell & Co., 1328 Bway., New York City, (a) face bid of $492,727, (b) provision for 77 alternatives, at additional cost of $150,000, (c) cost plus 15 per cent. Noted Sept. 9.

★**Pa., Johnstown** — Bank — Union Natl. Bank, 141 Franklin St., let contract altering 3 story, 50 x 120 ft., rein.-con., steel, stone and marble, rein.-con. flooring, to Gardner Constr. Co., Moxham St. About $100,000.

★**Pa., Sharon** — Theatre — Columbia Amusement Co., c/o A. W. Johnson, archt. and engr., 469 5th Ave., New York City, let contract building brick and stone, brick foundation, here, to W. M. Sutherland Bldg. & Contg. Co., Syndicate Trust Bldg., St. Louis, Mo. About $200,000. Noted July 22.

★**Md., Baltimore** — Theatre — Douglas Amusement Co. c/o Lachman & Murphy, archts., Drexel Bldg., Phila., let contract building 1 story, 70 x 145 ft., concrete, brick and steel, concrete foundation, at 1317 Pennsylvania Ave., here, to W. K. Richards, 1317 Pennsylvania Ave., Phila. About $100,000. Noted Sept. 16.

★**D. C., Wash.**—Church—Epworth Methodist Episcopal Church let contract rebuilding brick and stone, to A. L. Smith, Woodward Bldg. About $150,000.

★**S. C., Anderson**—Bank—Citizen Natl. Bank let contract building 11 story, rein.-con., steel and white brick, to A. Struck Co., Garden and Chestnut Sts., Louisville, Ky. About $250,000. Noted July 22.

O., Canton — School — C. Lane, clk. Bd. Educ. received bids building 3 story, 135 x 160 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Belden Ave., from G. Whike Co., Canton, $264,200; M. Bross, Canton, $305,967. Noted Sept. 9.

★**Mich., Detroit**—Schools—Bd. Educ., 50 Bway., let contract building addition to (a) Thirkell School, (b) Lincoln School, (1) masonry, (2) carpentry, (3) heating, ventilating and plumbing, both to be 2 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundations, to J. Bollin Co., 906 Bellevue Ave., (a1) $94,700; H. M. Martens Co., 221 Moffat Bldg., (a2) $32,100; O'Connor Bros., 179 Shelby St., (a3) $58,763, (b3) $23,745; O. Misch Co., 828 Chamber of Commerce Bldg., (b1) $47,990; Harcus & Co., 774 Russell St., (b2) $14,237. Noted Aug. 26.

★**Wis., Milwaukee** — Office — Wisconsin Food Products Co., Port Washington Rd., let contract building 3 story, 80 x 200 ft., rein-con. and brick, rein.-con. flooring, concrete foundation, to W. Oeflein, 86 Michigan St.

★**Wis., Phillips**—Depot, etc.—Minneapolis, St. Paul & Sault Ste. Marie R.R., 204 Clark St., Chicago, let general contract building 1½ story, 60 x 150 ft., brick, rein.-con. and tile depot and warehouse, brick foundation, to Concrete Constr. & Mfg. Co., Withee. About $100,000. Noted Sept. 9.

Minn., Minneapolis — Chemistry — State Bd., Control, Capitol Bldg., St. Paul, received bids constructing 3 story, rein.-con., brick, steel and stone addition to chemistry building, on State University campus here, from J. and W. A. Elliott, 906 Lumber Exch., $239,416; S. M. Klarquist & Sons, 750 Security Bldg., $246,297; R. J. Keating, 3030 Columbus Ave., $246,798; heating, from Hineline & Co., 625 3rd Ave. S., $85,000; Hamline Heating & Plumbing Co., 683 Snelling Ave., St. Paul, $85,107; Archambo Heating & Plumbing Co., 315 5th Ave. S., $85,598.

★**Minn., Minneapolis**—School—Bd. Educ let general contract building addition to Clinton School on Clinton Ave., and 28th St., 2 story, 58 x 158 ft. rein.-con., brick and stone, to S. M. Klarquist & Son, 747 Security Bldg., $169,984; heating and ventilating, to Bjorkman Bros., 712 South 10th St., $41,399. Noted Sept. 30.

★**Mo., St. Louis**—Office—Ralston Purina Co., Southshore Constr. Co., let contract building 4 story, 52 x 83 ft., brick and concrete, at 827 South 8th St., to Frank Colnon Constr. Co., Laclede Bldg. About $100,000.

Federal Government Work

PROPOSED WORK

N. Y., Brooklyn — Concrete roads, etc.—Spec. 4310—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build concrete roads and sidewalks, here.

N. Y., New York—Wood Block Paving—Spec. 409—Bureau Yards & Docks, Navy Dept., Wash. D. C., plans to pave, here.

N. Y., Sayville — Radio Quarters — Spec. 4311—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here.

W. Va., South Charleston — Sub-Station Switchboards—Spec. 4308—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to install, here.

Ala., Mobile—Coal Terminal—U. S. Army Engineers, Wash., D. C., plan to build coal terminal, with 40,000 ton bin capacity, 20,000 ton ore capacity and 750 ton loading capacity per hour, at Hunter-Benn wharf, here About $500,000.

Wash., Port Angeles — Radio Compass Building — Spec. 4304 — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to construct, here.

Wash., Tatoosh—Double Quarters—Spec. 4305—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here.

Cal., San Diego — Refrigerating Equipment—Spec. 4303—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to install, here.

BIDS DESIRED

N. Y., Buffalo—Registry Room—Until Oct. 21, by Treas. Dept., Wash., D. C., remodeling registry room in post office, here, J. A. Wetmore, superv. archt.

D. C., Wash.—Pumping Facilities—Until Nov. 10, at U. S. Engineers Office, 305 Southern Bldg., furnishing and installing electrically driven centrifugal pumps, motor generator sets, etc.; advertised in this issue. Noted Sept. 16.

D. C., Wash.—Cable Hangars—Until Oct. 30, by Chief of Engineers, U. S. Army, Room 2717, Munitions Bldg., furnishing 3,750 cable hangars, complete with stools.

D. C., Wash.—Turret Foundations.—Spec. 4295—Until Oct. 20, by Bureau Yards & Docks, Navy Dept., building 3 turret foundations; $10 deposit required for plans and spec.

Va., Ft. Myer—Dry Cleaning Building—Until Oct. 18, at office of Chief of 1st Dist. Constr. Serv., Quartermaster's Corps, Room 2038, War Trade Bldg., 20th and B Sts. N.W., Wash., D. C., construction, here.

Va., Norfolk—Quay Wall—Spec. 4306—Until Oct. 27, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building 550 ft. quay wall, etc., at Navy Yard here; advertised in this issue.

Miss., Vicksburg — Steel Barges — Until Nov. 5, by 3d Mississippi River Dist., P. O. Box 404, building 6 steel barges.

H. T., Pearl Harbor—Ordnance Buildings—Spec. 4168—Until Nov. 17, by Bureau Yards & Docks, Navy Yard, Wash., D. C. Navy Yard, Mare Island, Cal., and Naval Station, here, constructing ordnance buildings, at Naval Ammunition Depot, Kuahua, here. C. W. Parks, ch.; advertised in this issue. Noted April 15, under "Kuahua."

H. T., Hawaii—Marine Railway—Spec. 4254—Until Nov. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., Navy Yard, Mare Island, Cal., and Naval Station, here, completing marine railway here C. W. Parks, ch.; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Mass., Chelsea—Lighting System—Spec. 4281—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids Oct. 6 constructing lighting system for hospital grounds and altering lighting system in main hospital building at U. S. Naval Hospital here. (1) work complete, from G. E. Eng. Co., 22 Leight St., New York City, (1) $15,755 (120 days); **Mack & Mack**, 103 Park Ave., New York City, (1) $18,313 (240 days); Barnes Poke Electric Co., 93 Federal St., Boston, (1) $26,981 (100 days). Noted Sept. 3.

Federal Government Work (Continued)

N. Y. Brooklyn — Underground Electric & Power Distributing System—Spec. 4286—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids building at Naval Hospital here (1) work complete, from G. E. Eng. Co., 22 Leight St., New York City, (1) $26,435 (150 days), (2) $0.45, (3a) $2.28, (3b) $1.51, (3c) $1.19, (3d) $0.91, (3e) $0.74, (3f) $0.66, (3g) $0.54, (3h) $0.36, (3i) $0.28, (3j) $0.27, (3k) $0.24; H. Alexander, 20 West 34th St., New York City, (1) $31,530, (2) $1.97, (3a) $3.31, (3b) $2.05, (3c) $1.65, (3d) $1.10, (3e) $1.02, (3f) $0.95, (3g) $0.73, (3h) $0.50, (3i) $0.35, (3j) $0.30, (3k) $0.26 (100 days); Lord Electric Co., 105 West 40th St., New York City, (1) $31,760 (120 days). Noted Sept. 9.

Pa. Pittsburgh—Lavatory—Treas. Dept., at office of J. A. Wetmore, superv. archt., Wash., D. C., received bids buildings in U. S. Post Office, here, from G. H. Soffel, 425 2nd Ave., $17,458; Weldon & Kelly, 427 4th Ave., $17,865; S. W. Rittenhouse, 1316 Harvard St., N. W., Wash., D. C., $18,369.

D. C. Wash.—Altering Building—Treas. Dept., Wash., D. C., received bids Sept. 30, altering building on northeast corner 15th and E Sts., N. W., (1) building closed to public, (2) building not closed to public, from Skinker & Garrett, 2626 Woodley Pl. (2) $14,000; W. E. Mooney, Evans Bldg., (1) $14,336; J. Trout Constr. Co., Wash., (2) $15,700. Noted July 15.

★D. C., Wash. — Electrical Traveling Cranes — Spec. 4239 — Bureau Yards & Docks, Navy Dept., let contract building electric traveling cranes for shipbuilding slips at Navy Yards at Norfolk, Va., Phila., Pa., and New York, N. Y., to Niles-Bement-Pond Co., 111 Bway., New York City, $225,-600 (180 days). Noted Sept. 30.

★Va., Hampton Roads — Drainage System, etc. — Spec. 4221—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building concrete roads and drainage system at Naval Operating Base here to Atlantic Bitulithic Co., Virginia R.R. Power Bldg., Richmond, $112,708 (150 days). Noted Oct. 7.

★Va., Quantico — Water Supply Main — Spec. 4200—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building cast iron water supply main here to Wingo & Deaner, Box 816, Richmond, $123,595 (200 days). Noted Sept. 30.

N. C., Wilmington—Freight Elevator—Treas. Dept., Wash., D. C., received bids Sept. 30, building freight elevator at Post Office, here, from Otis Elevator Co., Metropolitan Bank Bldg., Wash., D. C., $6,168; A. B. See Elevator Co., Real Estate Trust Bldg., Wash., D. C., $7,300; Warner Elevator Mfg. Co., 2613-31 Spring Grove Ave., Cincinnati, O., $8,500.

N. C., Wilmington—Remodeling Post Office—Treas. Dept., Wash., D. C., received bids Sept. 30, remodeling Post Office (except lift), here, from E. E. Garber, 917 Deleware Ave., South Bethlehem, Pa., $7,000; Original Cabinet Co., Niles, Mich., $12,050; G. E. Wright, Inc., Chicago, Ill., $13,465. Noted Sept. 16.

★Fla., Jacksonville—Pontoon Catamarans —U. S. Engineer, War Dept., Wash., D. C., let contract building 15 pontoon catamarans to Central Iron Wks. Co., Inc., Hagerstown, Md., $19,605. Noted Aug. 26.

★Cal., Mare Island—Mechanics Shop, etc. —Spec. 4127—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building mechanic shop, filling house, etc., here, to Cahill Vensano Co., 110 Sutter St., San Francisco, $109,280 (197 days). Noted Sept. 2.

Cal., San Diego—Elevators—Spec. 4285—Bureau Yards & Docks, Navy Dept., Wash., D. C., received only bid Oct. 6 furnishing and installing in fleet supply storehouse, at Naval Base here, (1) work complete, from Otis Elevator Co., Metropolitan Bank Bldg., Wash., D. C., (1) $81,530 (210 days), (2) $41,173, (200 days)), (3) $31,382 (190 days), (4) $472, (5) $212. Noted Sept. 30.

Alaska — Bridge Work — Alaska Eng. Comn., Bell St. Dock, Seattle, Wash., received bids building 570 ft. steel bridge over Riley Creek, on route of Alaska R.R., north approach to have 350 ft. framed timber trestle, bridge will have total length of 920 ft., including north timber approach, from McClintic-Marshall Co., Seattle; Northwest Trading Co., L. C. Smith Bldg., Seattle; Omaha Structural Steel Wks., 48th and Leavenworth Sts., Omaha, Neb.; Pennsylvania Bridge Co., Beaver Falls, Pa.; U. S. Steel Products Co, Seattle. About $100,000.

Miscellaneous

PROPOSED WORK

Subway—Rochester, N. Y.—New York Central R.R., Grand Central Terminal, New York City, receives bids about Oct. 22, building subway in Brown St., here. About $500,000. Cost to be borne by railroad and city. T. W. Rau, asst. ch. engr.

Seawall — Bay St. Louis, Miss. — Bd. Comrs. retained H. D. Shaw, engr., Gulfport, to prepare plans for rein.-con. seawall along city front. About $100,000.

Fire Alarm System — Shreveport, La. — City voted $25,000 bonds to build fire alarm system.

Parks and Playgrounds—Shreveport, La. —City voted $250,000 bonds to build parks and playgrounds.

Driving Cluster and Fender Piling—Milwaukee, Wis.—City soon receives bids driving cluster and fender piling at various bridges. About $25,000. D. M. Keith, city engr.

Coaling Stations — Houston, Tex. — City plans election to vote on $75,000 bonds to build coaling stations for ships.

Wharves — Houston, Tex. — City plans election to vote on $1,250,000 bonds to build wharves.

BIDS DESIRED

Heating and Ventilating Apparatus, etc. —Long Island City, N. Y.—Until Oct. 18, by C. B. J. Snyder, supt. School Bldg., Municipal Bldg., New York City, installing heating and ventilating and temperature apparatus, electric passenger elevator, together with additions and repairs to Bryant High School, on Wilbur Ave. between Acadamy and Radde Sts.

Pavilions—Randalls Island, N. Y. (New York P. O.)—Until Oct. 21, by Dept. Pub. Welfare, Municipal Bldg., New York City, furnishing labor and material altering and repairing Tredgold and Nightingale Pavilions, here. Noted Sept. 30.

Foundation—Rochester, N. Y.—Until Oct. 29, by E. S. Walsh, supt. Pub. Wks., Capitol, Albany, building foundation of proposed freight terminal, here (Contr. 229); advertised in this issue.

Foundation—Milwaukee, Wis.—Until Oct. 21, by Bd. Industrial Educ., 62 Mason St., building concrete foundation for 2nd unit of continuation school, 7 story, 145 x 268 ft., brick, rein.-con. and steel, on 6th and Prairie Sts. Van Ryn & De Gelleke, Caswell Blk., archts. and engrs.

Stone Crusher, etc. — Davenport, Ia. — Western States Portland Cement Co. receiving bids for Gates stone crusher, side dump cars and similar special machinery for plant at Nuttings Sta., near here.

White Way System—Cloquet, Minn.—Until Oct. 18, by city, installing white way system on Bway. About $25,000.

Macadam and Gravel—Clayton, Mo.—Until Oct. 20, by W. Elbring, highway engr., furnishing macadam and gravel for repairing highways during year in St. Louis Co. Material to be furnished as needed on yearly contract at so much per cubic yard.

Paving Plant—London, Ont.—Until Oct. 21, by Chairman and Members, No. 2 Com., for supply and erection of asphalt paving plant. H. A. Brazier, city. engr.; advertised in this issue.

Bucket — Toronto, Ont.—Canadian Allis-Chalmers Ltd., 212 King St. W., receiving bids for one 1 yd. single hook grab bucket.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Dam — Lincoln, N. H. — Parker-Young Co., Lisbon, let contract building rein.-con. dam at plant on East Branch River here to Osgood Constr. Co., 25 East Hollis St., Nashua. About $25,000.

★Baseball Field, etc.—Boston, Mass.—Park and Recreation Dept., 33 Beacon St., let contract grading baseball field on Boston Common, also resurfacing walk over Common from West St. to field, to J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury, $55,660.

Laundry Equipment, etc. — Binghamton, N. Y.—State Hospital Comn., Capitol, Albany, received bids Oct. 6 furnishing laundry equipment for State Hospital here from Amer. Laundry Mchy. Co., 134 West 37th St., New York City, $11,910, Troy Laundry Mchy. Co., 133 Centre St., New York City, $11,995; renewing electric wiring and extending electric lines, from Mack & Mack, 103 Park Ave., New York City, $13,513, Alpha Electric Co., 124 Hudson Ave., Albany, $19,411, Wheeler-Greene Electric Co., 29 St. Paul St., Rochester, $19,896. Noted Sept. 16.

Heating Apparatus, etc.—Brooklyn, N. Y. —C. B. J. Snyder, supt. School Bldgs., New York City, received bids Oct. 4 installing (1) heating and ventilating apparatus, (2) temperature apparatus in (a) P. S. 73, (b) P. S. 144, from Tiran, Mahaney & Monroe, (a1) $115,375; Gillis & Geoghegan, 537 West Bway., New York City, (a1) $120,000, (b1) $114,793; Wells & Newton, Ave. E and 17th St., New York City, (a1) $128,400, (b1) $134,400; D. J. Rice, 405 Lexington Ave., New York City, (b1) $112,-894; Natl. Regulator Co., 166 Lexington Ave., New York City, (a2) $4,000, (b2) $4,850; Johnson Serv. Co., 123 East 27th St., New York City, (a2) $4,139, (b2) $5,-320; Bishop & Babcock, (a2) $5,200.

★Jib Cranes—Buffalo, N. Y.—Dept. Pub. Wks., Albany, let contract furnishing 3 ton half-arch revolving jib traveling electric cranes for Erie Basin Terminal, here (Terminal Contr. 114), to Heyl & Patterson, Inc., 90 West St., New York City. Noted Sept. 16.

Electric Generator Set, etc.—Marcy, N. Y. —State Hospital Comn., Capitol, Albany, received bids Oct. 6 furnishing electric generator and underground electric service connections for Utica State Hospital here from Mack & Mack, 103 Park Ave., New York City, $23,513; Langdon & Hughes, 233 Elizabeth St., Utica, $24,200; Hughes Electric Corp., 413 South Clinton St., Syracuse, $25,457. Noted Sept. 16.

Tunnels, etc.—Marcy, N. Y.—State Hospital Comn., Capitol, Albany, received bids Oct. 6, building heating tunnels and furnishing piping for steam, etc., at Utica State Hospital here, involving (a) removing and rough grading excess excavated materials, (b) 12,500 cu.yd. earth excav. and backfill to 5½ ft. below present grade, (c) 400 cu.yd. at greater depth than 5½ ft., (d) 650 cu.yd. rock excav. and backfill within 5½ ft. of present grade, (e) 13,800 cu.yd. from 5½ to 12 ft. below, (f) 9,170 cu.yd. from more than 12 ft. below, from M. Kantrowitz, Market St., Albany, (a) $516,600, (b) $2.15, (c) $3.20, (d) $6.20, (e) $6.60, (f) $7.10; P. Keeler Bldg. Co., 425 Orange St., Albany. (a) $686,000, (b) $2.45, (c) $2.45, (d) $6.20 (e) $6.20, (f) $6.20. Noted Sept. 16.

★Motor Trucks, etc.—New York, N. Y.—Bd. Purchase, Room 526, Municipal Bldg., let contract furnishing and delivering motor trucks, wrecking cars, etc., to White Co., Thompson St., Long Island City, $18,360. Noted Sept. 16.

Limestone—New York, N. Y.—H. H. Curran, pres. Manhattan Boro., received bids Oct. 8, furnishng and delivering 2,000 tons limestone, from R. M. Soper, 1476 Bway., $20,840; New York Trap Rock Corp., 101 Park Ave., $21,400. Noted Sept. 30.

★Heating and Ventilating System — Wash., D. C.—Dist. Comrs., Dist. Bldg., let contract installing heating and ventilating system in Petworth School to Federal Heating Co., 310 13th St., N.W., $36,938. Noted Aug. 19.

★Electric Equipment—Cleveland, O.—City let contract furnishing 1,888 electric meters, to Westinghouse Electric Mfg. Co., West 54th St., $24,000; 100,000 lb. weatherproof copper wire, to Illinois Wire & Cable Co., 111 West Monroe St., Chicago, $26,500. Noted Sept. 2.

★Pipe Cedarburg, Wis.—City let contract furnishing 800 tons 4-10 in. Class "B" c.i. pipe, to Amer. Cast Iron Pipe Co., 712 Plymouth Bldg., Minneapolis, Minn., $51,-638. Noted Sept. 23.

★Culverts—St. Joseph, Mo.—State Highway Dept., St. Joseph, let contract building culverts on 20.02 mi. Sect. B, St. Joseph-Atchison Rd., Federal Aid Project 49, Buchanan Co., to Buchanan Co., St. Joseph, $29,657.

★Steam Heating System—Wichita Falls, Tex.—State Bd. Control, Austin, let contract installing and connecting complete steam heating system, at buildings in Northwest Texas Insane Asylum, here, to Kinnison Bros., 311-313 North Austin St., Dallas, $69,860.

★Sand—Welland, Ont.—Dept. Railways & Canals, Ottawa, let contract furnishing 125,000 cu.yd. coarse sand to Natl. Sand & Material Co., Ltd., Welland, $0.90 per cu.yd.

OFFICIAL PROPOSALS

Bids: Oct. 29.

Barge Canal Terminals

STATE OF NEW YORK
OFFICE OF SUPERINTENDENT OF PUBLIC WORKS

Albany, N. Y.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until twelve o'clock noon of Friday, October 29th, 1920, at which place and hour they will be publicly opened and read, for the construction of Barge canal terminals pursuant to the provisions of Chapter 746 of the Laws of 1911, and amendatory laws, as follows:

TERMINAL CONTRACT No. 26-A

For completing the terminal at Rouses Point.

Contract plant sheets 1 and 2.

The work shall be completed on or before July 1st, 1921.

TERMINAL CONTRACT No. 229

For constructing the foundation of the proposed terminal freighthouse at Rochester. Contract plans, sheets 1 and 2.

Plans may be seen and detailed specifications, engineer's estimates of quantities, proposal blanks, form of contract and bonds required and other information for proposers may be had at the office of the Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y., at the office of the Assistant Superintendent of Public Works for the Western Division at Rochester, N. Y., and at the canal office, Spaulding's Exchange, Buffalo, N. Y.

Copies of detailed plans or drawings may be obtained from the State Engineer and Surveyor at Albany, N. Y., upon payment to him of the cost of producing them.

Monthly estimates will be paid of ninety per centum (90 per cent) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the city of Albany or New York, issued by a national or state bank or trust company in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in the proposal.

Upon execution of the contract and approval of bonds the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time, in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

The deposits of bidders other than the one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of each contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent) of the estimated cost of the work according to the contract price, and an additional bond, known as the labor bond, in the sum of ten per centum (10 per cent) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y., and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the state for doing the work, and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provide suitable equipment and materials for the proper performance of the work.

The right is reserved to reject all proposals and readvertise and award the contract in the regular manner if, in the judgment of the undersigned, the interests of the state will be enhanced thereby.

EDWARD S. WALSH,
Supt. of Public Works.

Bids: Oct. 27.

Construction of State Aid Highways in Sussex County and Furnishing Machine for Testing Materials

Dover, Del.

Sealed proposals will be received by the State Highway Department, at its office, Dover, Delaware, until 2 o'clock p.m., October 27, 1920, and at that time and place publicly opened, for the construction of State Aid Highways in Sussex County, involving the following approximate quantities:

CONTRACT ES-13, 6.57 MILES

Laurel to Asbury Church

4.5	acres clearing and grubbing
0.5	acres clearing
17,500	cu.yd. excavation
17,000	cu.yd. borrow
350	cu.yd. cement concrete, Class "A"
325	cu.yd. cement concrete, Class "B"
18,000	lb. steel reinforcement
560	lin.ft. 15 in. reinforced concrete pipe
260	lin.ft. 18 in. reinforced concrete pipe
460	lin.ft. 24 in. reinforced concrete pipe
62	lin.ft. 30 in. reinforced concrete pipe
32	lin.ft. 36 in. reinforced concrete pipe
180	lin.ft. relaid pipe, 18 in. and under
40	lin.ft. relaid pipe, over 18 in.
1,300	lin.ft. timber piling
2,000	ft. B. M. sheet piling (left in place)

This work to be completed on or before March 31, 1921.

CONTRACT ES-14 .93 MILES

Through Georgetown

1,150	cu.yd excavation
1,400	cu.yd. borrow
1,770	cu.yd. cement concrete pavement
45	cu.yd. cement concrete, Class "A"
900	lb. steel reinforcement
3	catchbasins
5	park grates
150	lin.ft. 15 in. reinforced concrete pipe
120	lin.ft. 18 in. reinforced concrete pipe
80	lin.ft. relaid pipe, 18 in. and under
650	lin.ft. vitrified tile underdrain

This work to be completed on or before May 30, 1921.

TESTING MACHINE

The furnishing of one (1) Testing Machine, equal to Universal, 3 screw type, 100,000 lb. capacity, equipped with 3 hp. 220 volt A.C. Motor. This machine to be furnished on or before November 30, 1920.

Performance of contract shall commence within ten (10) days after execution of the contract.

Monthly payments will be made for 90 per cent of the construction completed each month.

Bidders must submit proposals upon forms provided by the Department.

Each proposal must be accompanied by a surety bond, certified check or money to the amount of at least ten (10) per cent of the total amount of the proposal.

The envelope containing the proposal must be marked: "Proposal for the Construction of a State Aid Highway under Contract No. CS-13 or CS-14 or (Furnishing 100,000 lb. Testing Machine)."

The contract will be awarded or rejected within twenty (20) days from the date of opening proposals.

The right is reserved to reject any or all bids.

Detailed plans may be seen, and index plans and specifications may be obtained upon deposit of ten dollars ($10.00) which amount will be refunded upon return of plans and specifications in good condition at the office of

STATE HIGHWAY DEPARTMENT
DOVER, DELAWARE
CHAS. M. UPHAM, Chief Engineer.

Bids: Oct. 18.

Reconstruction of Rumson Road

Shrewsbury, N. J.

Notice is hereby given that sealed bids will be received by the Board of Chosen Freeholders of the County of Monmouth for the reconstruction of the Rumson Road (Sections 1-A and 1-B) in Shrewsbury Township and the Borough of Rumson, Monmouth County, New Jersey, and opened and read in public at rooms of said Board, Court House, Freehold, N. J., on October 18th, 1920, at 11 a.m. (Standard time.)

Drawings and specifications for the proposed work, prepared by George D. Cooper, County Engineer, have been filed in the office of said Engineer, 60 Broad Street, Red Bank, New Jersey, and may be inspected by prospective bidders during business hours. The standard proposal form will be furnished on application to the Engineer.

Bids must be made on the standard proposal form in the manner designated therein and required by the specifications; must be enclosed in sealed envelopes, bearing the name and address of the bidder and name of proposed work on the outside, addressed to the Board of Chosen Freeholders of the County of Monmouth, and must be accompanied by a certified check for a sum equal to ten (10) per cent of the amount bid on the work, payable to the order of the Collector of the County of Monmouth, and a surety company certificate stating that said surety company will provide the bidder with the required bond, and must be delivered at the place and on the hour above named.

The Board of Chosen Freeholders of the County of Monmouth reserves the right to reject any or all bids if deemed to the best interests of the County so to do.

By order of the Board of Chosen Freeholders of the County of Monmouth.

WILLIAM M. BERGEN,
Director.

Attest:
CHARLES E. CLOSE,
Clerk.

Bids: Oct. 25.

Water Works Improvements

Ventnor City, N. J.

Sealed proposals for additions and alterations to the waterworks, consisting of a new building, boiler, reservoir, well, pressure tanks and various changes, will be received by the Common Council of Ventnor City, N. J., when called for by the President during a meeting of that body to be held October 25th, 1920, at 8 p.m., in the City Hall, Ventnor City, N. J.

No proposal will be received or considered unless accompanied by a certified check drawn to the order of G. F. Wingate, City Treasurer, for the sum of two thousand dollars.

Surety company bond in the sum of one-half the contract price will be required.

Plans and specifications may be seen at the office of W. I. Risley, Civil Engineer, Guarantee Trust Building, Atlantic City, N. J. A deposit of ten dollars will be required for plans and specifications taken from the office, which will be refunded upon the return of the plans and specifications in good condition within ten days after the award of the contract.

The right is reserved to reject any or all bids.

Dated Sept. 30th, 1920.

JAS. T. G. HAND,
City Clerk.

Bids: Nov. 1.

Dredging.

Tampa, Fla.

The Board of Port Commissioners of Tampa, Florida, will receive sealed proposals at its office on the 8th floor of the City Hall, Tampa, Florida, until 3 o'clock p.m., Monday, November 1st, 1920, for the dredging required for its terminal construction on Ybor Channel, at which time the proposals will be publicly opened and read.

Further information on application.

S. M. SPARKMAN,
President.

DR. L. A. BIZE,